

DATA REPORT: RESULTS OF
SABLEFISH TAGGING IN WATERS OFF
THE COAST OF WASHINGTON, OREGON AND CALIFORNIA, **1979-83**

by

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Abstract

The National Marine Fisheries Service has tagged and released 18,486 sablefish (Anoplopoma fimbria) in index survey areas off Washington, Oregon and California between 1979 and 1983. As of 31 December 1983, 1,042 sablefish tags had been returned for a recovery rate of 5.6%. The purpose of the sablefish tagging program is to monitor migration, discreteness of stocks, distribution, and growth.

Most recoveries were made within three years of release with 58.4% within 25 nmi of release and 2% over 1,000 nmi from release; 76.8% were recaptured within the International North Pacific Fishery Commission (INPFC) area of release.

Mean length-at-release ranged from 39 to 56 cm. The mean length was highest in the north and in the earlier years. The mean length in 1983 was much lower because juveniles were selected for tagging study purposes.

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INTRODUCTION

Sablefish, Anoplopoma fimbria, are found along the coast of North America from Cedros Island, Baja California (lat. 28°N, long. 115°W) (Hauser **1975**) north to St. Lawrence Island in the Bering Sea (lat. 63°N, long. 168°W), and south along the Asian coast to Sagami Bay, Japan (lat. **35°N**, long. 139°30'E) (Abe 1966). Although the most commercially productive depth range for sablefish is from **183** to 1,097 m (100 to 600 fathoms), they have been reported as deep as 2,743 m (1,500 fathoms) in Canadian waters (Beamish et al. 1979). Growth appears to be relatively rapid and extensive migrations are known to occur.

Growth and movements have most often been the subject of tagging studies. Tagging programs in the Washington-California region were conducted by the Pacific Marine Fisheries Commission (PMFC) in the 1950's and the Washington Department of Fisheries (WDF) in **1955**. An international cooperative tagging program in the **1970's** under the auspices of the National Marine Fisheries Service (NMFS) involved the California Department of Fish and **Game**, the Oregon Department of Fish and Wildlife, the Pacific Research Institute of Fisheries and Oceanography (TINRO) of the Soviet Union, and the Fisheries Research and Development Agency of the Republic of Korea.

Holmberg and Jones (1954) reported a recovery rate of 2.55% for the PMFC study and an annual growth rate between 0.64 and 3.75 cm. Their data indicated that 88% traveled less than 48 km (30 mi) from point of release and 9% traveled greater than 48 km. In 3% of the cases distance traveled was not determined.

The WDF program (Pruter **1959**) resulted in a recovery rate of 8.0%. Sablefish were released only at Holmes Harbor in Puget Sound, Washington, and 94% of the recoveries were made in Puget Sound. The other 6% were

reported from the northeastern Pacific Ocean, although later papers (Pasquale 1964; Pattie **1970**) reported that five recoveries from the Puget Sound releases occurred in the Bering Sea. Annual growth of these young fish (35 to 52 cm) averaged about 8 cm.

Wespestad et al. (1983) discussed the results of the international tagging program and reported a 3.9% rate of recovery for the California thru Kodiak Island, Alaska, study area. Analysis of movement indicated that 65% of all recoveries occurred within 100 km of the release site, 24% 100 to 500 km, 8% 500 to 1,000 km, with 3% at distances greater than 1,000 km from the release site.

The NMFS Northwest and Alaska Fisheries Center (NWAFC) has conducted annual sablefish pot index surveys off the coast of Washington, Oregon, and California since 1979. In addition to monitoring relative abundance and size composition of the populations, migration, discreteness of stocks, distribution, and growth were also studied through a tagging program. Also, juvenile sablefish (less than 40 cm) were tagged as a part of the **1983** west coast whiting/rockfish trawl survey to examine their movements and recruitment patterns.

The purpose of this report is to **1)** summarize the results of the NWAFC sablefish **tagging** program (with assistance by the Washington Department of Fisheries) in the Washington to California region during **1979-83**, and **2)** present the detailed release and recovery data for reference purposes. The latter information is presented in the Appendix. This data report will be updated annually to include new information **as it becomes available.**

METHODS

The 28-m NOAA ship John N. Cobb was used on all abundance index surveys except during the 1980 California survey, which employed the 39-m NOAA research vessel Chapman.

Rectangular sablefish traps were used as the standard unit of gear until 1983 when rectangular and conical (Korean) traps were fished alternately on single groundlines in, a test of comparative fishing efficiency. In both cases the traps were fished in strings of 10 at depths of 274, 411, 549, 686, and 823 m (150, 225, 300, 375 and 450 fathoms) in Washington and Oregon waters and at 411, 549, 686, 823, and 1,006 m (225, 300, 375, 450 and 550 fathoms) in California waters. Depths of 1,006 and 1,280 m (550 and 700 fathoms) in Oregon and 1,280 (700 fathoms) in California were sampled on occasion. The traps were fished for a period of 24 hours using a timed. release tunnel closing device.

The, vessels chartered for the 1983 west coast whiting/rockfish trawl survey were the 39-m long Nordfjord and the 25-m long Warrior II. They took bottom trawl samples at 596 stations between 55 and 366 m (30 and 200 fathoms) from off Monterey, California, to mid Vancouver Island, British Columbia. Nor'eastern high opening bottom trawls equipped with roller gear and 1.5 by 2.1 m (5 by 7, ft) steel v-doors were used exclusively.^{1/} Tow duration was 30 minutes.

The Washington Department of Fisheries captured sablefish, marked them with NMFS series anchor tags, and released them off the mouth of the Columbia River in early 1981. The 27-m long fishing vessel Collier Brothers fished conical traps at depths of 384 to 640 m (210 to 350 fathoms).

1/Reference to trade names does not imply endorsement by the National Marine Fisheries Service, NCA."'

In all, tagging was accomplished at six abundance index sites, one tagging site established by the Washington Department of Fisheries, and 177 trawl stations located from northern California to northern Washington (Figs. 1 and 2).

In all studies, the sablefish were put-into "live" tanks complete with running seawater immediately after they were caught. Usually within 15 minutes of the completion of each haul all viable sablefish were measured, tagged in a padded tagging cradle, and released. Each fish was marked with a single Floy anchor tag implanted just below the first dorsal fin.

A recovery program was promoted through the use of posters, news releases, and letters explaining the research and enlisting the cooperation of those who may encounter tagged sablefish, particularly fishermen and processors. Individuals finding a tagged fish were requested to return the tag, with information about the date, location, method and depth of capture, and fish length. A reward and the release history of the tagged fish was provided to those returning tags.

RESULTS

Releases

A total of 18,486 sablefish were released from 1979 to 1983 in areas off the Washington-California coast. International North Pacific Fishery Commission (INPFC) statistical areas are used to summarize the data and are shown in Figure 3. Most of the releases (10,208) were made in 1980 and most of those occurred in the Conception area. The remaining releases were generally more uniformly distributed over areas and years (Table.1). The only exception is in the Eureka area where no releases occurred until the west coast whiting/rockfish trawl survey in the summer of 1983.

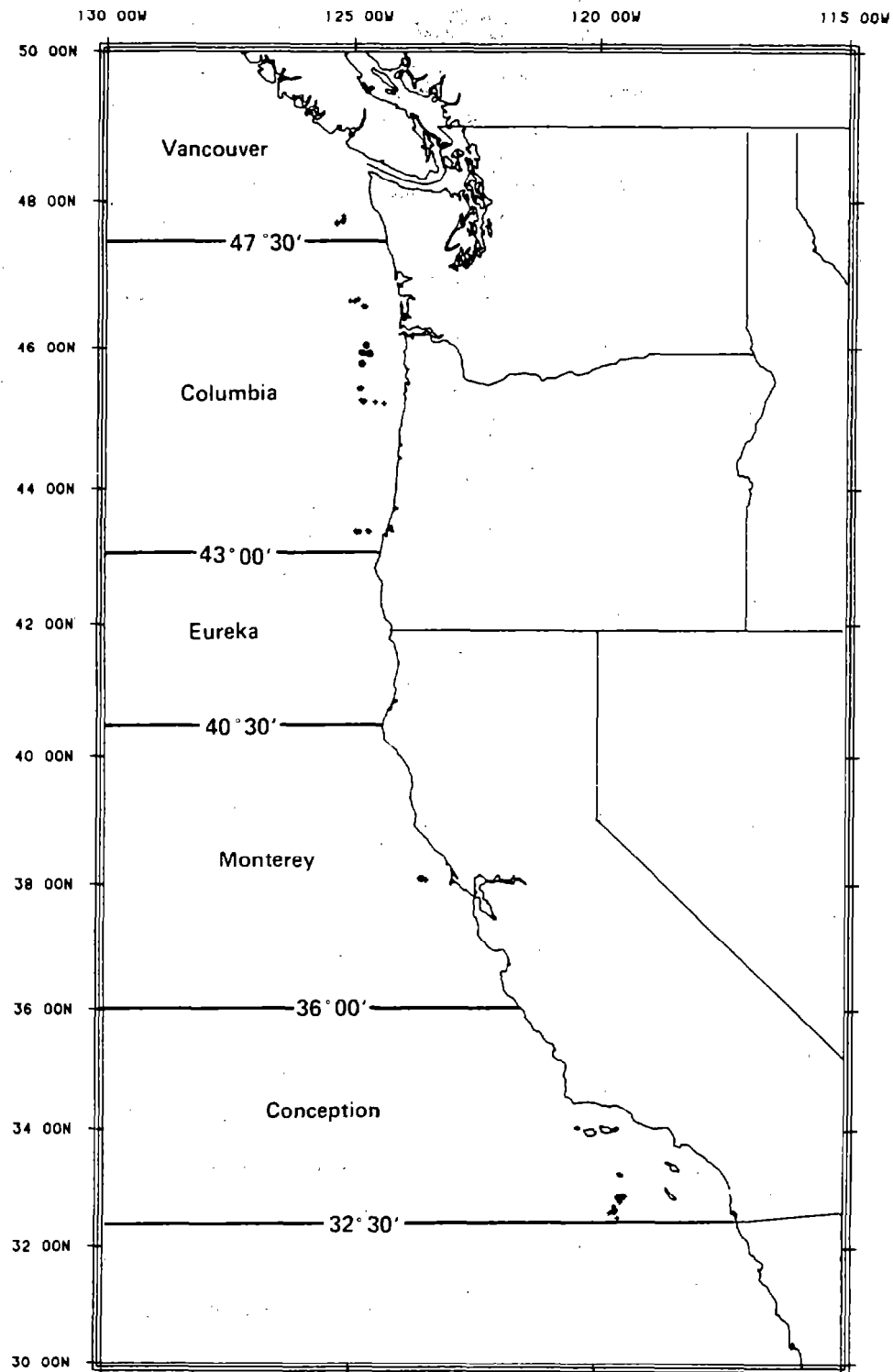


Figure 1.--Locations where tagged sablefish were released within the International North Pacific Fisheries Commission's Vancouver-Concepcion statistical areas during the 1979-83 abundance index surveys of the National Marine Fisheries Service (+) and the **1981** tagging cruise of the Washington Department of Fisheries (.).

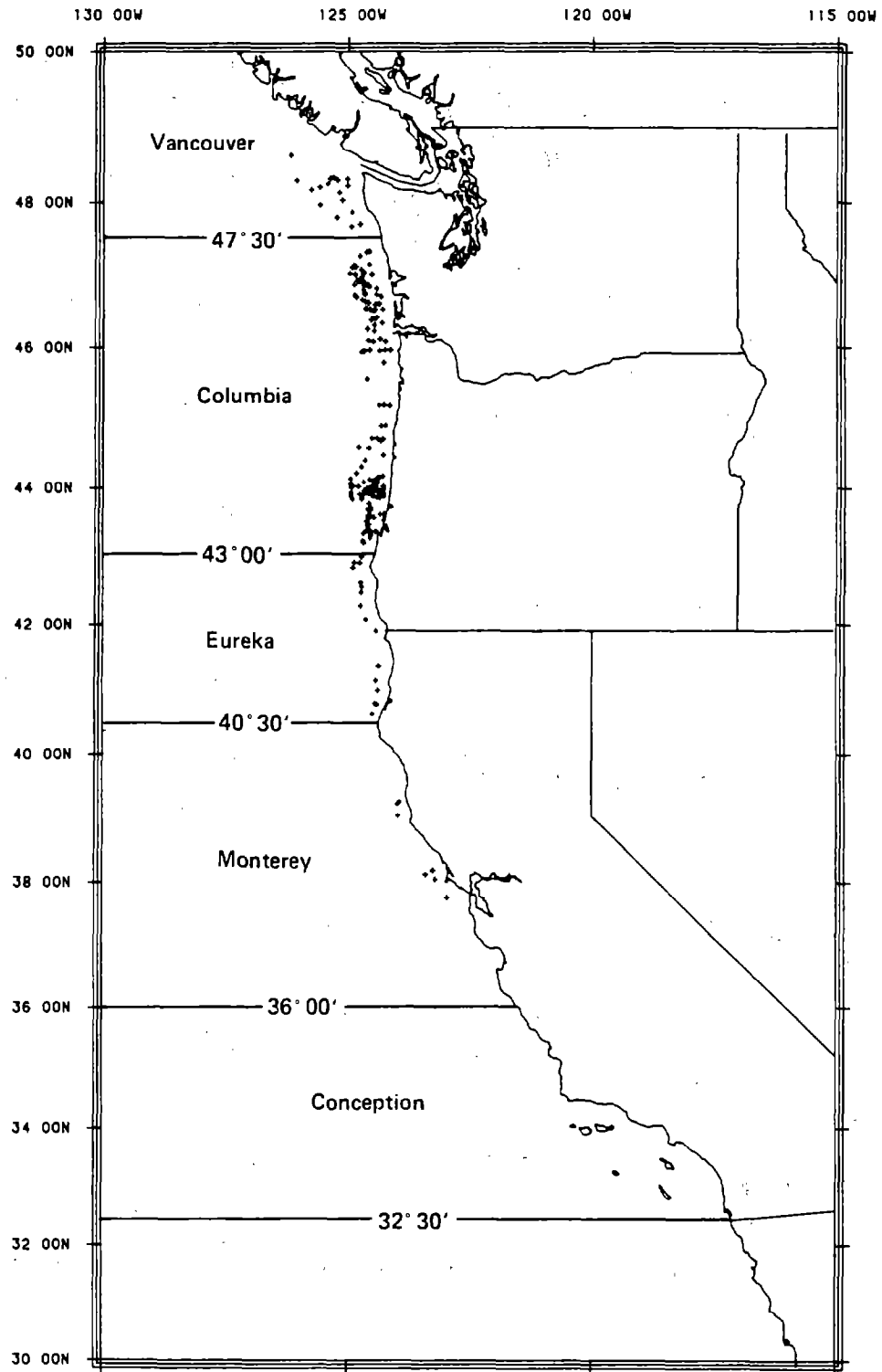


Figure 2.--Locations where tagged sablefish were released within the International North Pacific Fisheries Commission's Vancouver-Monterey statistical areas during the **1983** west coast whiting/rockfish trawl survey.

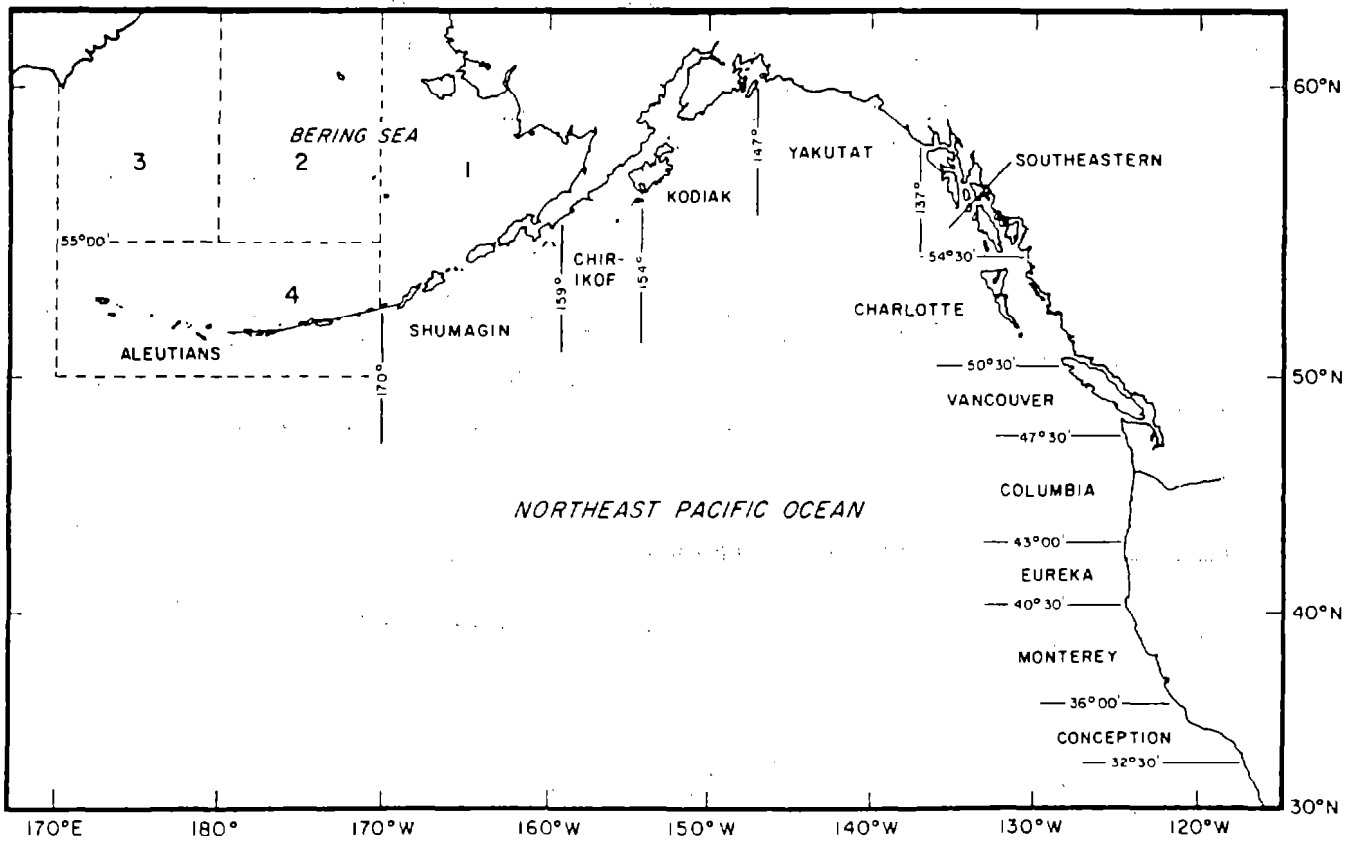


Figure 3.--Location of statistical areas of the International North Pacific Fisheries Commission in the northeast Pacific Ocean and Bering Sea.

Table 1.--Number of tagged sablefish released by year and International North Pacific Fisheries Commission (INPFC) Statistical Area.

| Year | INPFC Area | | | | | Total |
|-------|------------|--------------|------------|------------|------------|--------------|
| | Vancouver | Columbia | Eureka | Monterey | Conception | |
| 1979 | 802 | 915 | -- | -- | -- | 1,717 |
| 1980 | 902 | 2,203 | -- | 647 | 6,456 | 10,208 |
| 1981 | 494 | 1,842 | -- | -- | 800 | 3,136 |
| 1982 | -- | -- | -- | 763 | 475 | 1,238 |
| 1983 | <u>132</u> | <u>1,260</u> | <u>618</u> | <u>177</u> | <u>--</u> | <u>2,187</u> |
| Total | 2,330 | 6,220 | 618 | 1,587 | 7,731 | 18,486 |

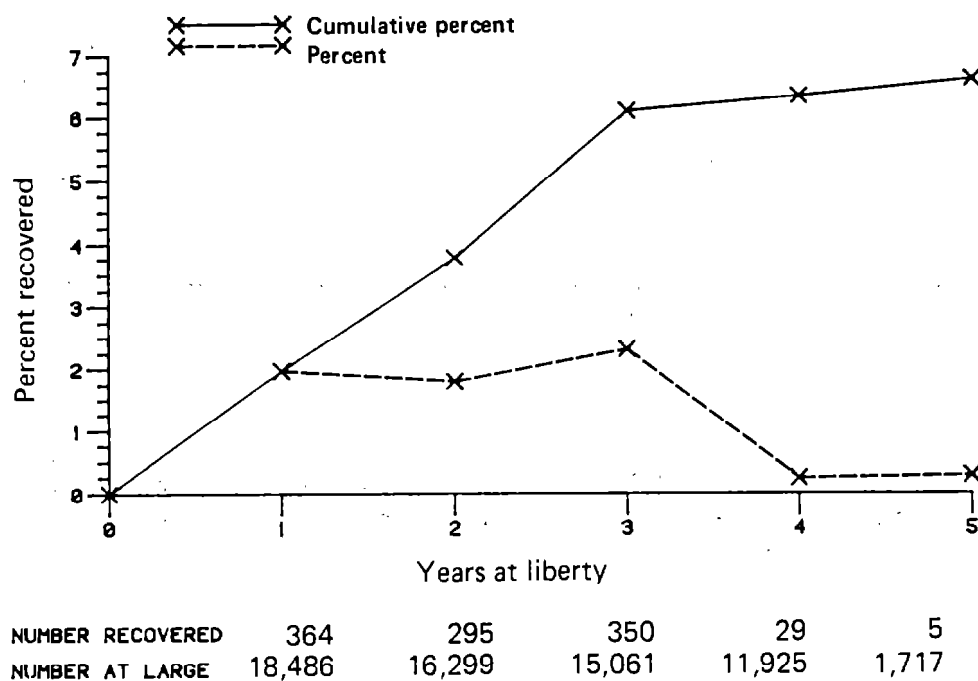


Figure 4.--Predicted catch rate of tagged sablefish over time. (The cumulative percent indicated by the unbroken line is the projected recovery rates summed over the 1-year periods, since not all the tagged fish have been at liberty for the full 5-year period as of 31 December 1983.)

Consequently, returns from the Conception area have been relatively numerous due to the large number released and returns from the Eureka area have been relatively few due to the short time at liberty and the small numbers released.

Size at Tagging

Size compositions at tagging are shown by INPFC area in Figure 5. From 1979 to 1982, the mean length-at-release ranged from 51 to 56 cm over all INPFC areas. The mean length was highest to the north and in the earliest years (e.g., the Vancouver area and the 1979 releases). The mean length-at-release was much lower in 1983 (39 to 50 cm) for reasons related to study objectives and capture gear. Trawls tend to capture smaller fish than do traps; shallower depths were fished where young fish tend to reside; and, most notably, fish less than 40 cm in length were usually selected from the trawl catches-for tagging.

Nearly all of the sablefish released during the abundance index surveys were larger than 40 cm due to the selectivity of traps and the depths fished. During the 1983 trawl survey sablefish as small as 20 cm and in their first year were captured starting in August in the Columbia area and became more abundant as the survey progressed: They produced a length mode of 26 cm in the Columbia and Vancouver areas (Fig. 5). It will be of interest to monitor any differences in the behavior of this small size group from the standpoint of better defining juvenile movements and recruitment patterns. These small sablefish are not fully recruited to the commercial fishery; consequently, few returns are to be expected for the next 1 or 2 years.

Recoveries

As of 31 December 1983, 1,042 sablefish tags were returned for an overall recovery rate of 5.6% for the 18,486 sablefish tagged from 1979 to 1983.

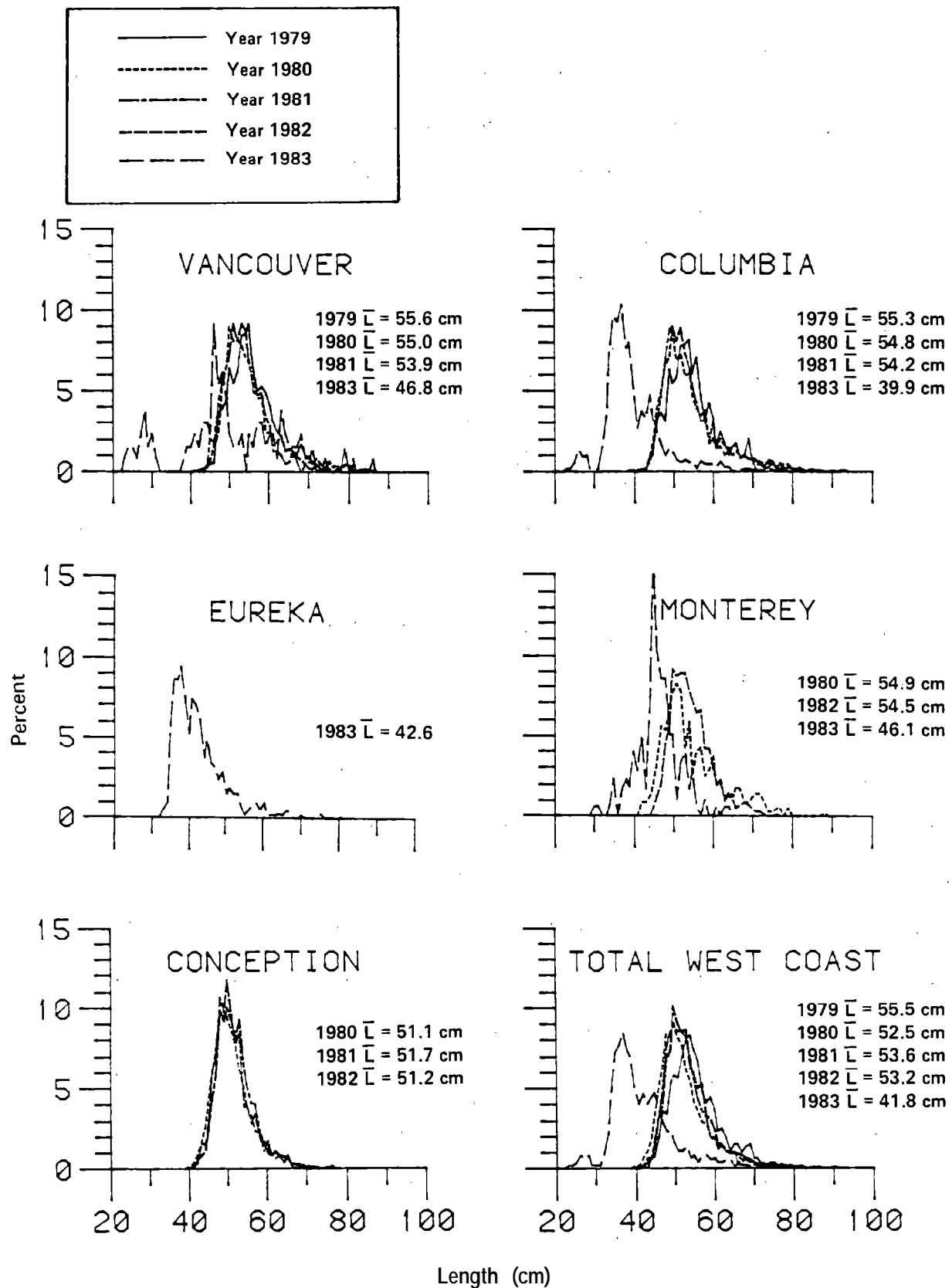


Figure 5.--Length-frequencies of tagged sablefish by International North Pacific Fisheries **Commission statistical area.**

This recovery rate is projected to climb to around 6.5% or higher with time based on the cumulative percentage in Figure 4. A few tagged sablefish released during the 1971-76 international study are still being recaptured, some 8 to 13 years after release.

Recovery rates are compared for depth of capture (Tables 2 and 3). Except for the shallowest depth (<183 m), the recovery rate tended to decrease with capture depth. This may reflect a differential survival associated with depth of capture.

Migration of Sablefish

Earlier authors (Wespestad et al. 1983; Dark 1983) could not demonstrate any relationship between the distance between release and recovery sites and the number of days the fish were free, so this distance is discussed without respect to the number of days free. Seventy percent of the tagged fish were recovered within 50 nautical miles (nmi) of the release site and 6.6% were recovered at distances greater than 500 nmi (Table 4). Since these distances were determined by the great circle distance between point of release and point of recovery without regard for depth or land masses in between, they should be considered as minimum distances.

The Conception area had the highest percentage (65.1) of tagged sablefish that showed little migration (i.e., less than 25 nmi) (Table 5). It should be noted that sablefish moving southward from the Conception area had little chance of being recovered due to the relatively small recovery effort off Mexico. The Columbia area (one of the largest areas) had the highest percentage (83.9) of fish that were recovered within the INPFC area of release (Table 6). Sablefish released in the Vancouver area

Table 2.--Number of tagged sablefish released by depth and International North Pacific Fisheries Commission (INPFC) statistical area.

| Depth | | INPFC area | | | | | |
|--------------------------|---------|------------|----------|--------|----------|------------|--------|
| Meters | Fathoms | Vancouver | Columbia | Eureka | Monterey | Conception | Total |
| -----Number of fish----- | | | | | | | |
| <183 | <100 | 40 | 827 | 289 | 94 | -- | 1,250 |
| 183-366 | 100-200 | 304 | 1,625 | 329 | 83 | -- | 2,341 |
| 366-549 | 200-300 | 713 | 2,102 | -- | 624 | 5,574 | 9,013 |
| 549-732 | 300-400 | 588 | 1,092 | -- | 488 | 1,411 | 3,579 |
| 732-914 | 400-500 | 685 | 551 | -- | 110 | 393 | 1,739 |
| 914-1,097 | 500-600 | -- | 17 | -- | 121 | 285 | 423 |
| >1,097 | >600 | -- | 6 | -- | 67 | 68 | 141 |
| Total | | 2,330 | 6,220 | 618 | 1,587 | 7,731 | 18,486 |

Table 3.--Number of tagged sablefish recovered (and percentages of releases in parenthesis) by depth and International North Pacific Fisheries Commission (INPFC) statistical area.

| Depth | | INPFC area | | | | | |
|--------------------------|---------|------------|-----------|----------|----------|------------|-------------|
| Meters | Fathoms | Vancouver | Columbia | Eureka | Monterey | Conception | Total |
| -----Number of fish----- | | | | | | | |
| <183 | <100 | 0 (0.0) | 2 (0.2) | 1 (0.4) | 0 (0.0) | -- | 3 (0.2) |
| 183-366 | 100-200 | 29 (9.5) | 44 (8.9) | 9 (2.7) | 4 (4.8) | -- | 186 (8.0) |
| 366-549 | 200-300 | 92 (12.9) | 170 (8.1) | -- | 43 (6.9) | 330 (5.9) | 635 (7.1) |
| 549-732 | 300-400 | 26 (4.4) | 55 (10.0) | -- | 18 (3.7) | 61 (4.3) | 160 (4.5) |
| 732-914 | 400-500 | 29 (4.2) | 8 (1.4) | -- | 6 (5.4) | 8 (2.0) | 51 (2.9) |
| 914-1,097 | 500-600 | -- | 0 (0.0) | -- | 2 (3.0) | 5 (1.8) | 7 (1.7) |
| >1,097 | >600 | -- | 0 (0.0) | -- | 0 (0.0) | 0 (0.0) | 0 (0.0) |
| Total | | 176 (7.6) | 379 (6.1) | 10 (1.6) | 73 (4.6) | 404 (5.2) | 1,042 (5.6) |

Table 4.--Distance (nmi) between release and recovery sites for tagged sablefish released in various International North Pacific Fisheries Commission (INPFC) statistical areas.

| INPFC area of release | Distance between and recovery sites (nmi) | | | | | |
|--------------------------|-------------------------------------------|-------|--------|---------|----------|-------|
| | <25 | 25-50 | 51-100 | 101-500 | 501-1000 | >1000 |
| | -----Percentage of recovered fish----- | | | | | |
| Vancouver | 55.7 | 22.7 | 9.1 | 7.4 | 1.1 | 4.0 |
| Columbia | 56.7 | 17.9 | 10.3 | 11.6 | 1.3 | 2.1 |
| Eureka | 60.0 | 20.0 | 10.0 | 10.0 | -- | -- |
| Monterey | 35.6 | 12.3 | 24.7 | 24.7 | 1.4 | 1.4 |
| Conception | 65.1 | 1.2 | 2.0 | 20.5 | 9.9 | 1.2 |
| Van.-Con. | 58.4 | 11.9 | 7.9 | 15.3 | 4.6 | 2.0 |

Table 5.--Area of recovery of tagged sablefish released in various International North Pacific Fisheries Commission (INPFC) statistical areas.

| INPFC area of release | INPFC area of recovery | | | | | | |
|-----------------------------|----------------------------------------|-----------|----------|--------|----------|------------|------------------------|
| | North of Vancouver | Vancouver | Columbia | Eureka | Monterey | Conception | South of Conception |
| | -----Percentage of recovered fish----- | | | | | | |
| Vancouver | 8.0 | 76.7 | 15.3 | -- | -- | -- | -- |
| Columbia | 3.4 | 6.1 | 83.9 | 5.0 | 1.3 | 0.3 | -- |
| Eureka | -- | -- | 10.0 | 80.0 | 10.0 | -- | -- |
| Monterey | 1.4 | 1.4 | 2.7 | 13.7 | 80.8 | -- | -- |
| Conception | 1.0 | 1.2 | 2.5 | 5.9 | 18.6 | 70.8 | -- |

Table 6.--Percentage of tagged sablefish taken in the International North Pacific Fisheries Commission (INPFC) statistical area of release or north or south of the area.

| INPFC area of release | North of release area | Area of release | South of release area |
|--------------------------|--------------------------|--------------------|--------------------------|
| | -----Percentage----- | | |
| Vancouver | 8.0 | 76.7 | 15.3 |
| Columbia | 9.5 | 83.9 | 6.6 |
| Eureka | 10.0 | 80.0 | 10.0 |
| Monterey | 19.2 | 80.8 | ---- |
| Conception | 29.2 | 70.8 | ---- |

produced the highest percentage (4.0) of long migration, (i.e., moving greater than 1,000 nmi) and those released in the Conception area the lowest percentage **(1.2)**. Caution should be used in making such comparisons for the Eureka area because tagged fish released there have been at large for such a short time (less than a year) that there has been insufficient **time** for much long distance movement. A summary of tag releases and recoveries by area and year is given in Table 7.

Some tagged individuals from each of the trap sites (except Cape Lookout, Oregon) demonstrated long distance migration (Figs. 6-9). Three tagged fish reached the Bering Sea, a great circle distance of over **1,800** nmi. Two were from the Cape Johnson release site in the Vancouver area and one from the Willapa Bay site, the northern-most release site in the Columbia area. The only notable **long** distance migration in a southerly direction was from the Cape Arago site off southern Oregon to a location near the California-Mexico boundary. Sablefish released in the Vancouver-Conception areas from **1979** to **1983** have been recovered in all INPFC areas (Fig. 3) in the northeastern Pacific Ocean and Bering Sea except Bering area 3. However, none have been reported recaptured south of the Conception area in Mexican waters where attempts to establish a recovery program have been very limited.

Factors that should be taken into consideration in the interpretation of this tag data are tag loss, nonreporting, and the distribution of fishing and recovery effort. These factors can greatly influence the distribution of tag recoveries in time and space and **may** confound attempts to reveal actual migrational behavior. Differences in time at liberty and size composition of release groups (i.e., trawl catches vs. trap catches) must also be taken into account.

Table 7.--Releases and corresponding recoveries of tagged sablefish by year and International North Pacific Fisheries Commission statistical area.

| Releases | Recoveries | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--------------------|----|----|----|----|----|----|-----------|----|----|----|-----|----|----|----------|-----|----|-----|----|----|----|--------|----|----|----|----|----|----|----------|-----|----|----|----|----|-----|------------|----|----|----|----|----|---|---------------------|---|---|---|--|--|--|
| | North of Vancouver | | | | | | | Vancouver | | | | | | | Columbia | | | | | | | Eureka | | | | | | | Monterey | | | | | | | Conception | | | | | | | South of Conception | | | | | | |
| | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | 79 | 80 | 81 | 82 | 83 | T | | | | | | | |
| Vancouver- 2,330 | - | 1 | 8 | 4 | 1 | 14 | 2 | 22 | 37 | 55 | 19 | 135 | - | 2 | 7 | 13 | 5 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 1979 - 802 | - | 1 | - | - | - | 1 | 2 | 20 | 14 | 21 | 6 | 63 | - | 2 | 3 | - | 1 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 1980 - 902 | - | - | 8 | 1 | 1 | 10 | - | 2 | 23 | 22 | 8 | 55 | - | - | 4 | 10 | 3 | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 1981 - 494 | - | - | - | 3 | - | 3 | - | - | - | 12 | 5 | 17 | - | - | - | 3 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 1983 - 132 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Columbia - 6,220 | - | 1 | 1 | 5 | 6 | 13 | - | - | 10 | 7 | 6 | 23 | 8 | 32 | 104 | 122 | 52 | 318 | 1 | 1 | 5 | 6 | 6 | 19 | - | - | 2 | 2 | 1 | 5 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | | | | |
| 1979 - 915 | - | 1 | - | - | - | 1 | - | - | 4 | - | 2 | 6 | 8 | 13 | 14 | 6 | 7 | 48 | 1 | - | - | 1 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1980 - 2,203 | - | - | 1 | 1 | 3 | 5 | - | - | 5 | 6 | 1 | 12 | - | 19 | 85 | 50 | 18 | 172 | - | 1 | 4 | 2 | 3 | 10 | - | - | 2 | 1 | 1 | 4 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | | | | | |
| 1981 - 1,842 | - | - | - | 4 | 3 | 7 | - | - | 1 | 1 | 3 | 5 | - | - | 5 | 66 | 23 | 94 | - | - | 1 | 3 | 1 | 5 | - | - | - | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1983 - 1,260 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Eureka - 618 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1983 - 618 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | 8 | 8 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Monterey - 1,587 | - | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - | - | - | - | 2 | 2 | - | - | 3 | 2 | 5 | 10 | - | 1 | 15 | 9 | 34 | 59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1980 - 647 | - | - | 1 | - | - | 1 | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | 3 | 2 | 1 | 6 | - | 1 | 15 | 8 | 4 | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1982 - 763 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - | - | - | 4 | 4 | - | - | - | - | 1 | 26 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| 1983 - 177 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Conception-7,731 | - | - | - | 1 | 3 | 4 | - | - | - | 2 | 3 | 5 | - | - | 1 | 5 | 4 | 10 | - | - | 4 | 9 | 11 | 24 | - | - | 19 | 42 | 14 | 75 | - | 11 | 38 | 22 | 215 | 286 | - | - | - | - | - | - | - | - | | | | | |
| 1980 - 6,456 | - | - | - | 1 | 3 | 4 | - | - | - | 2 | 3 | 5 | - | - | 1 | 5 | 3 | 9 | - | - | 4 | 9 | 9 | 22 | - | - | 19 | 41 | 13 | 73 | - | 11 | 38 | 10 | 214 | 273 | - | - | - | - | - | - | - | - | - | | | | |
| 1981 - 800 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - | - | 1 | 1 | 2 | - | - | - | 12 | 1 | 13 | - | - | - | - | - | - | - | - | - | | | | |
| 1982 - 475 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | | |
| Van-Con -18,486 | - | 2 | 10 | 10 | 10 | 32 | 2 | 22 | 47 | 64 | 29 | 164 | 8 | 34 | 112 | 140 | 64 | 358 | 1 | 1 | 12 | 17 | 30 | 61 | - | 1 | 36 | 53 | 50 | 140 | - | 11 | 38 | 22 | 216 | 287 | - | - | - | - | - | - | - | - | - | | | | |
| 1979 - 1,717 | - | 2 | - | - | - | 2 | 2 | 20 | 18 | 21 | 8 | 69 | 8 | 15 | 17 | 6 | 8 | 54 | 1 | - | - | 1 | 2 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| 1980 -10,208 | - | - | 10 | 3 | 7 | 20 | - | 2 | 28 | 30 | 13 | 73 | - | 19 | 90 | 65 | 24 | 198 | - | 1 | 11 | 13 | 13 | 38 | - | 1 | 36 | 50 | 18 | 105 | - | 11 | 38 | 10 | 215 | 274 | - | - | - | - | - | - | - | - | - | | | | |
| 1981 - 3,136 | - | - | - | 7 | 3 | 10 | - | - | 1 | 13 | 8 | 22 | - | - | 5 | 69 | 24 | 98 | - | - | 1 | 3 | 2 | 6 | - | - | - | 2 | 1 | 3 | - | - | - | 12 | 1 | 13 | - | - | - | - | - | - | - | - | - | | | | |
| 1982 - 1,238 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | 2 | - | - | - | - | 5 | 5 | - | - | - | 1 | 26 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |
| 1983 - 2,187 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | 6 | - | - | - | - | 8 | 8 | - | - | - | - | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | | | |

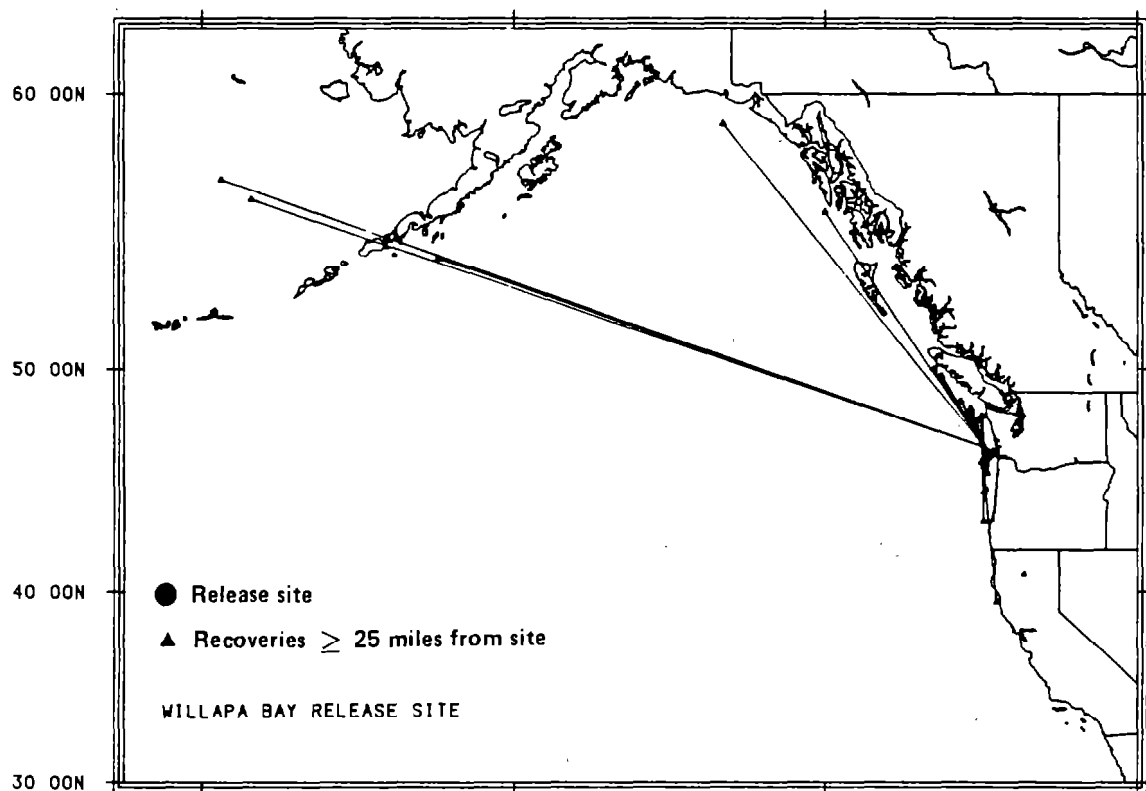
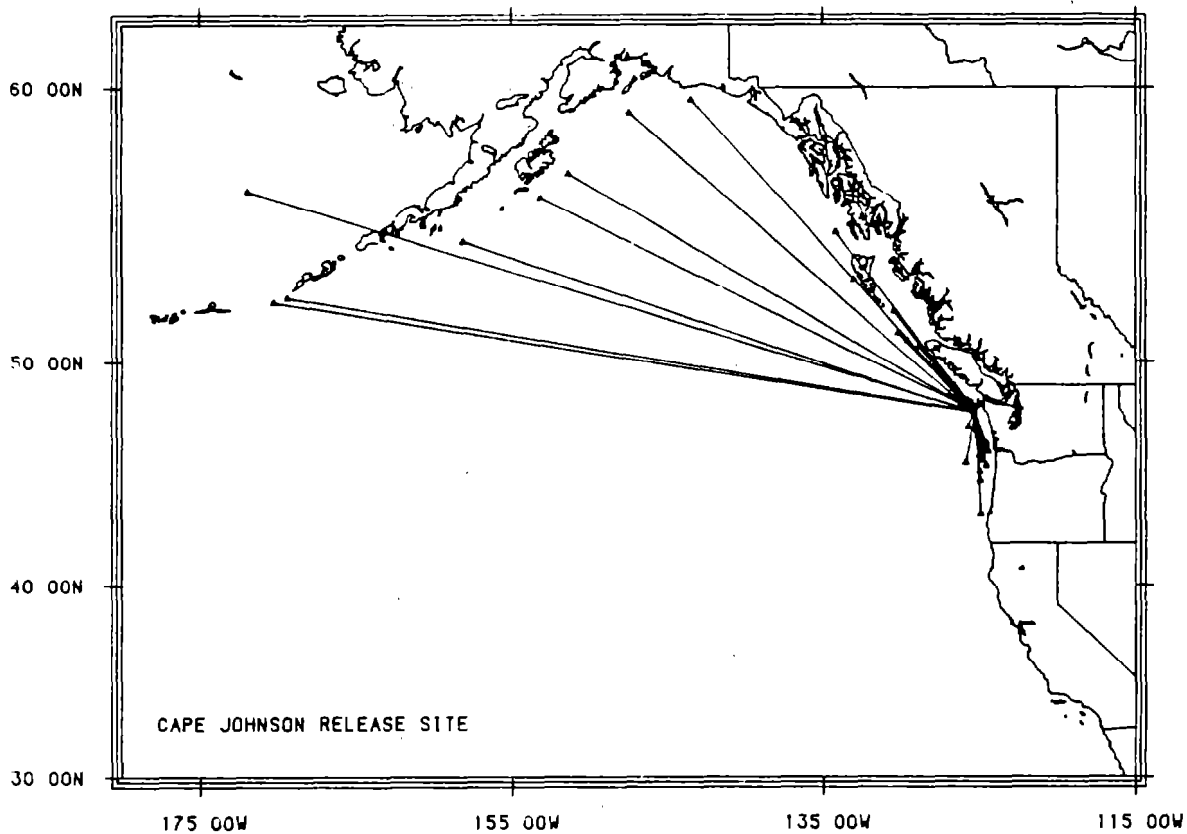


Figure 6.--Recovery distribution of sablefish tagged at the Cape Johnson and Willapa Bay release sites, 1979-83.

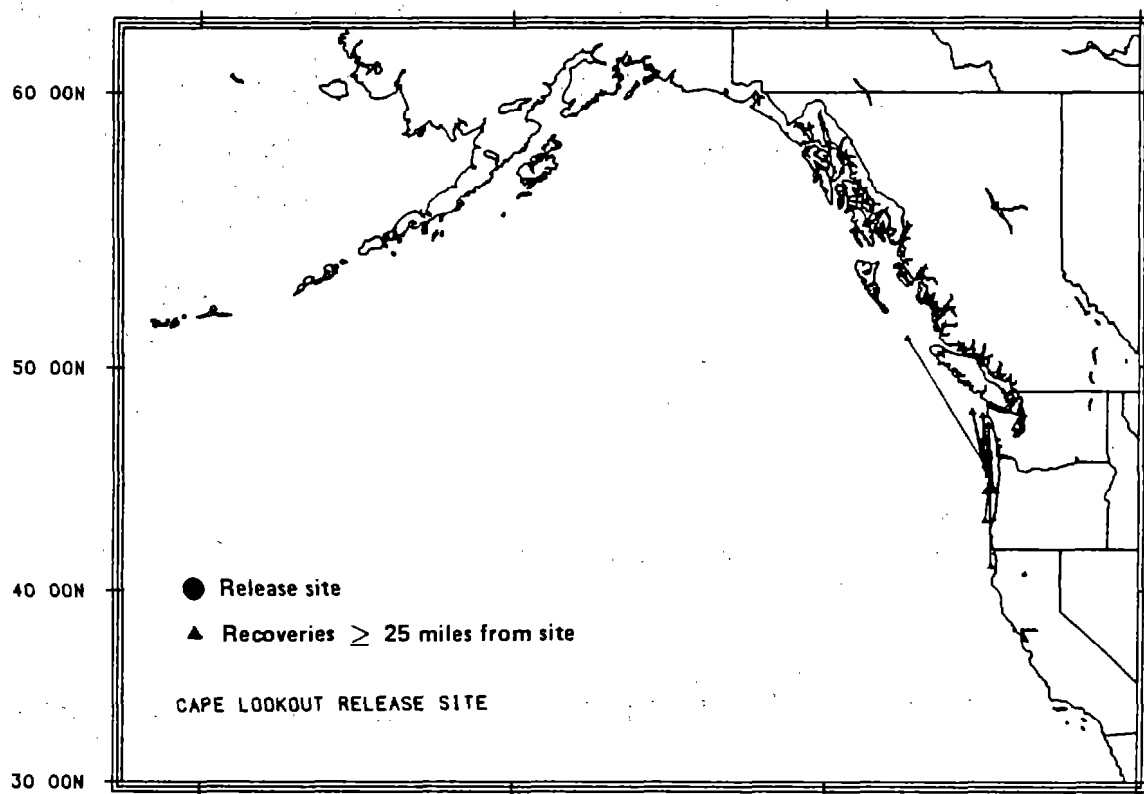
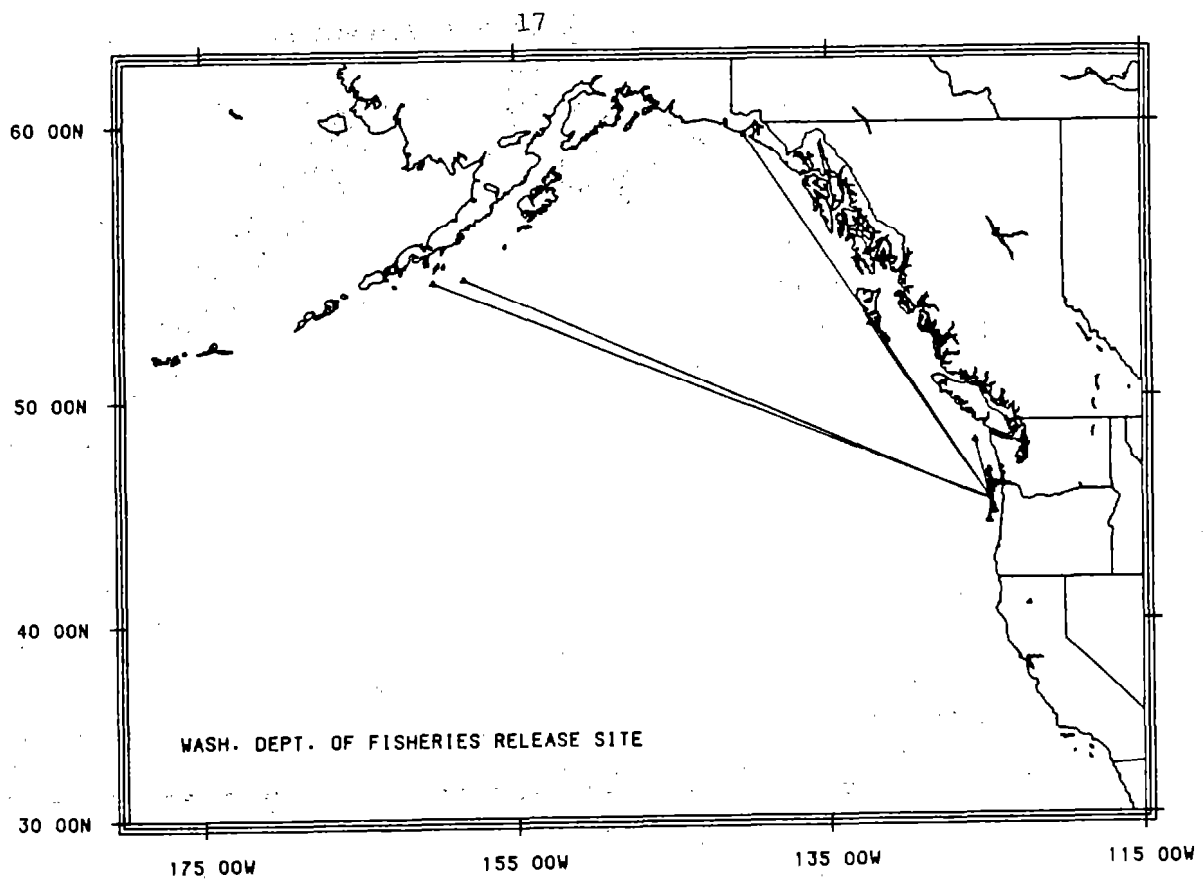


Figure 7.--Recovery distribution of sablefish tagged at the Washington Department of Fisheries and Cape Lookout release sites, 1979-83.

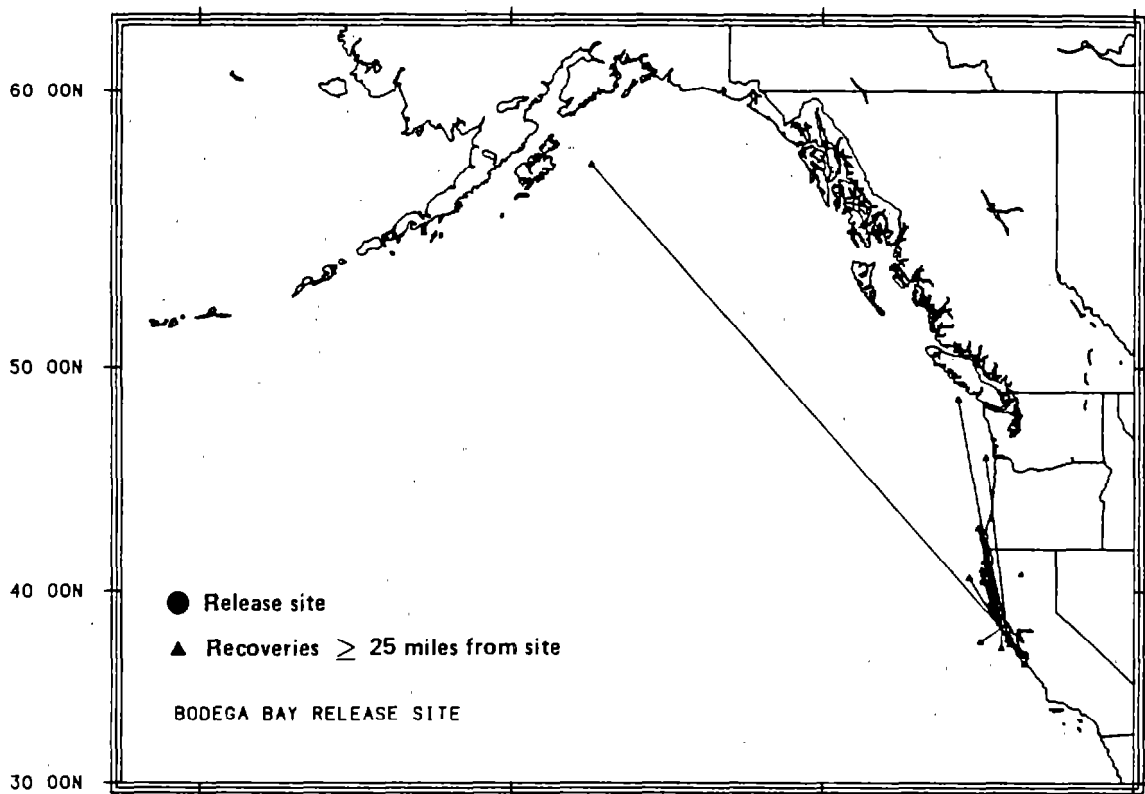
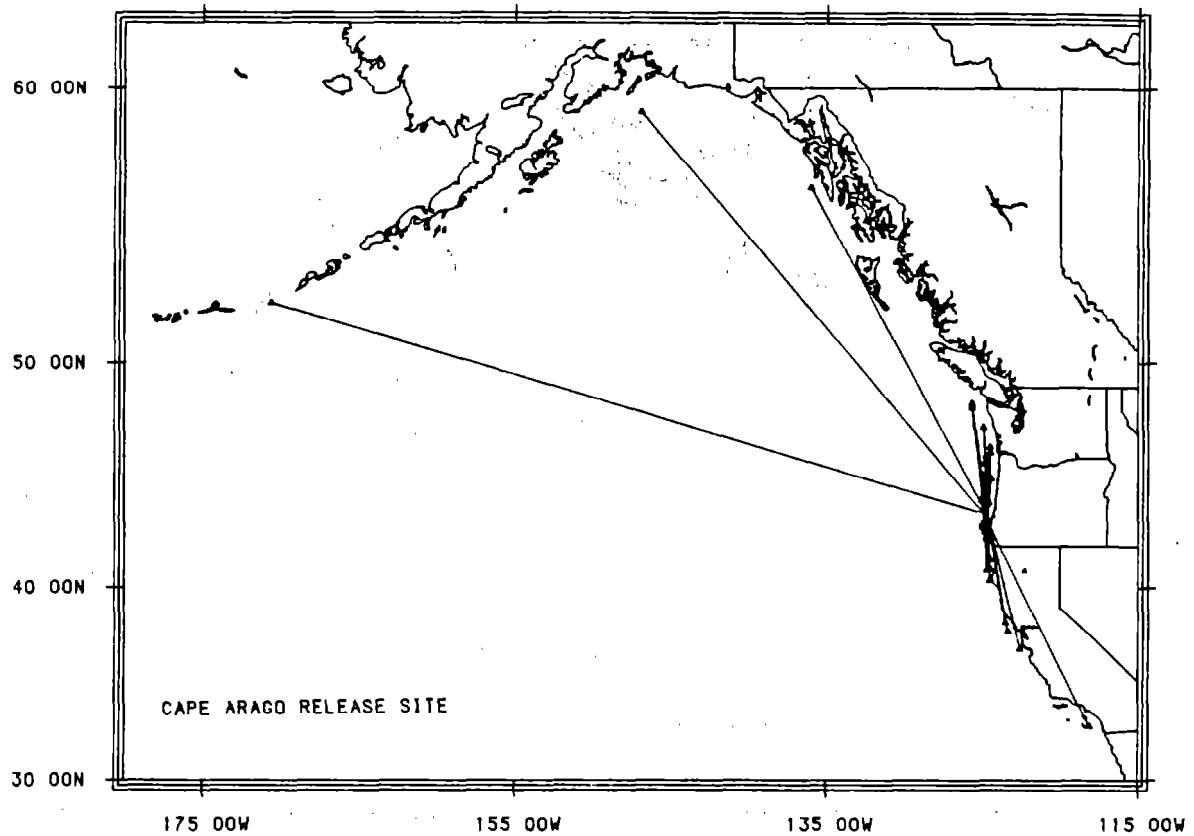


Figure 8.--Recovery distribution of sablefish tagged at the Cape Arago and Bodega Bay release sites, 1979-83.

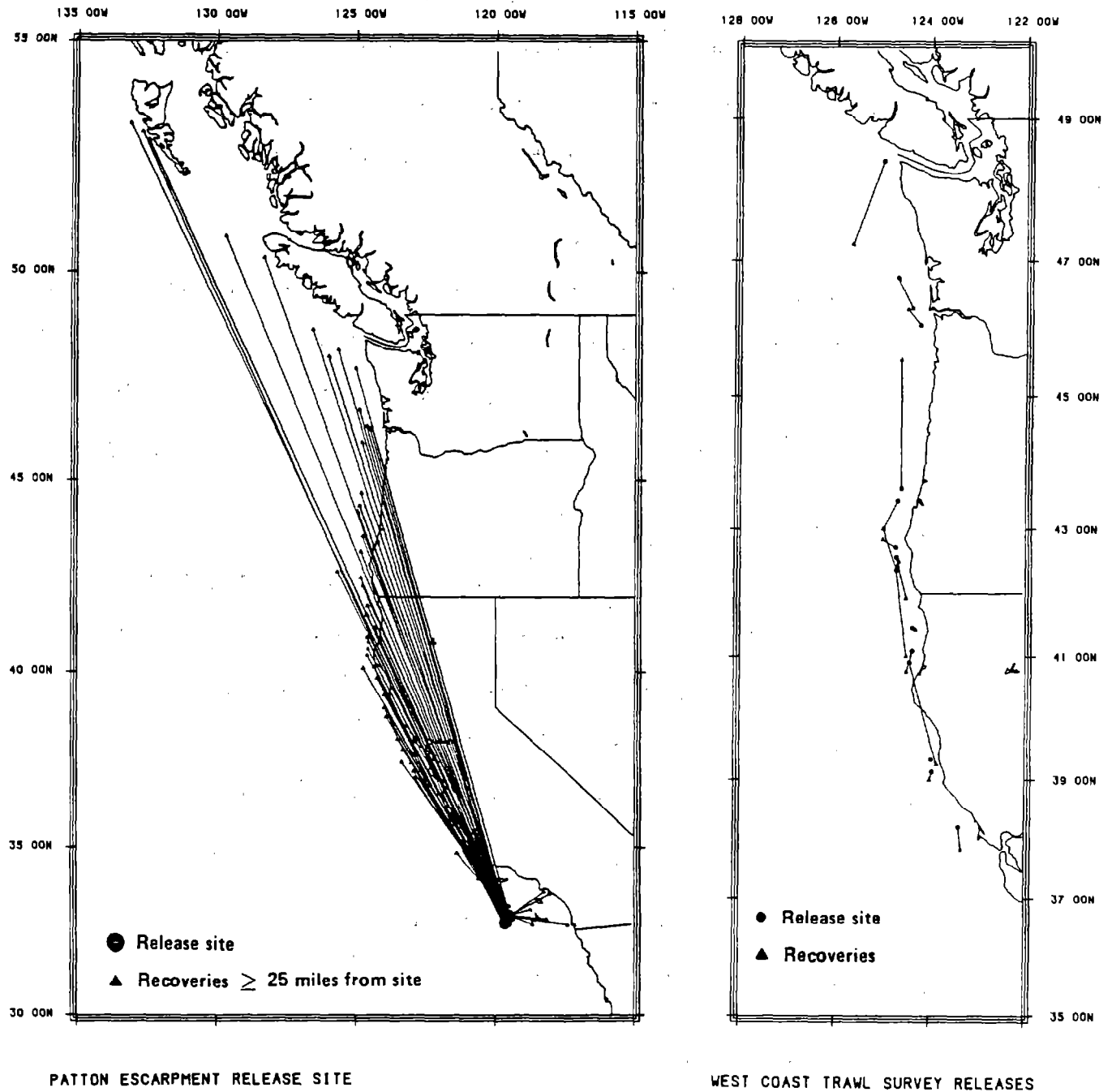


Figure 9.--Recovery distribution of sablefish tagged at the Patton Escarpment release sites, 1980-82; and at various locations during the **1983** west coast whiting/rockfish trawl survey.

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APPENDIX

Information relating to recovery of individual tagged sablefish, **1979-83.**

Key to columns of the following table:

| | |
|------------------------|-----------------------------------------------------------------------------------|
| VES..... | vessel (3 = <u>Cobb</u> , 10 = <u>Chapman</u> , 32 = <u>Collier Brothers</u>) |
| CRS | ..cruise |
| Hal | haul |
| Species | Species code (20510 = sablefish) |
| Tag No. 1 | Tag number |
| Release..... | Release data |
| Recover | Recovery data |
| Date | Date |
| YYMMDD..... | Year, Month, Day |
| Latitud..... | Latitude |
| Longitud..... | Longitude |
| DDMM.MM..... | Degrees, minutes, fraction of minutes |
| De-pth..... | Depth (fathoms) |
| Size | Fork length (centimeters) |
| Grow | Growth (centimeters) |
| Days | Days free |
| Miles | Miles traveled |
| Dir | Direction (360 = north, 90 = east, 180 = south, 270 = west) |
| Dpth Chng..... | Depth change (fathoms, negative = deeper, positive = shallower) |

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Appendix. --Information relative to recovery of individual tagged sablefish, 1979-83.

| RELEASE | | | | TAG NO. | DATE | LATITUD | LONGITUD | DE-PTH | SIZE | GROW | DAYS | MILES | DIR | DPTH CHNG |
|---------|-----|-----|-------|---------|----------|---------|----------|----------|------|------|------|-------|---------|-----------|
| YES | CRS | HAL | SPEC. | | | | | | | | | | | |
| 3 | 792 | 102 | 20510 | SA | 3612 | 79 810 | 4328.00 | 12439.00 | 150 | 747 | | | | |
| | | | | | RELEASE | 79 810 | 4328.00 | 12439.00 | 150 | 747 | | | | |
| | | | | | RECOVERY | 79 922 | 4327.00 | 12438.00 | 170 | 750 | 10 | 43 | 1 144 | -20 |
| 3 | 792 | 102 | 20510 | SA | 3618 | 79 810 | 4328.00 | 12439.00 | 150 | 650 | | | | |
| | | | | | RELEASE | 79 810 | 4328.00 | 12439.00 | 150 | 650 | | | | |
| | | | | | RECOVERY | 81 131 | 4440.00 | 12450.00 | 500 | 620 | -30 | 340 | 72 354 | -150 |
| 3 | 792 | 102 | 20510 | SA | 3630 | 79 810 | 4328.00 | 12439.00 | 150 | 680 | | | | |
| | | | | | RELEASE | 79 810 | 4328.00 | 12439.00 | 150 | 680 | | | | |
| | | | | | RECOVERY | 79 813 | 4314.00 | 12445.00 | 140 | 670 | -10 | 3 | 15 197 | 10 |
| 3 | 792 | 118 | 20510 | SA | 3873 | 79 814 | 4328.00 | 12439.00 | 147 | 460 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12439.00 | 147 | 460 | | | | |
| | | | | | RECOVERY | 79 819 | 4320.00 | 12450.00 | 0 | 440 | -20 | 5 | 11 225 | |
| 3 | 792 | 118 | 20510 | SA | 3875 | 79 814 | 4328.00 | 12439.00 | 147 | 670 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12439.00 | 147 | 670 | | | | |
| | | | | | RECOVERY | 81 2 7 | 4320.00 | 12450.00 | 0 | 770 | 100 | 543 | 11 225 | |
| 3 | 792 | 118 | 20510 | SA | 3876 | 79 814 | 4328.00 | 12439.00 | 147 | 650 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12439.00 | 147 | 650 | | | | |
| | | | | | RECOVERY | 79 321 | 4321.00 | 12440.00 | 150 | 0 | | 7 | 7 186 | -3 |
| 3 | 792 | 118 | 20510 | SA | 3890 | 79 814 | 4328.00 | 12439.00 | 147 | 510 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12439.00 | 147 | 510 | | | | |
| | | | | | RECOVERY | 80 1112 | 4337.00 | 12438.00 | 190 | 570 | 60 | 456 | 9 5 | -43 |
| 3 | 792 | 119 | 20510 | SA | 3894 | 79 814 | 4329.00 | 12441.00 | 225 | 620 | | | | |
| | | | | | RELEASE | 79 814 | 4329.00 | 12441.00 | 225 | 620 | | | | |
| | | | | | RECOVERY | 81 1 0 | 4300.00 | 12500.00 | 0 | 0 | | | 32 206 | |
| 3 | 792 | 119 | 20510 | SA | 3905 | 79 814 | 4329.00 | 12441.00 | 225 | 610 | | | | |
| | | | | | RELEASE | 79 814 | 4329.00 | 12441.00 | 225 | 610 | | | | |
| | | | | | RECOVERY | 82 9 2 | 4343.00 | 12438.00 | 131 | 0 | | 1115 | 19 7 | 94 |
| 3 | 792 | 119 | 20510 | SA | 3912 | 79 814 | 4329.00 | 12441.00 | 225 | 590 | | | | |
| | | | | | RELEASE | 79 814 | 4329.00 | 12441.00 | 225 | 590 | | | | |
| | | | | | RECOVERY | 83 330 | 4820.00 | 12540.00 | 0 | 0 | | 1324 | 294 352 | |
| 3 | 792 | 121 | 20510 | SA | 3959 | 79 814 | 4328.00 | 12453.00 | 373 | 530 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12453.00 | 373 | 530 | | | | |
| | | | | | RECOVERY | 83 430 | 4338.00 | 12454.00 | 235 | 570 | 40 | 1355 | 17 54 | 138 |
| 3 | 792 | 121 | 20510 | SA | 3962 | 79 814 | 4328.00 | 12453.00 | 373 | 540 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12453.00 | 373 | 540 | | | | |
| | | | | | RECOVERY | 79 828 | 4219.00 | 12442.00 | 240 | 510 | -30 | 14 | 69 173 | 133 |
| 3 | 792 | 122 | 20510 | SA | 3982 | 79 814 | 4328.00 | 12456.00 | 435 | 540 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12456.00 | 435 | 540 | | | | |
| | | | | | RECOVERY | 79 1018 | 4320.00 | 12450.00 | 0 | 560 | 20 | 65 | 9 151 | |
| 3 | 792 | 122 | 20510 | SA | 3986 | 79 814 | 4329.00 | 12456.00 | 435 | 540 | | | | |
| | | | | | RELEASE | 79 814 | 4329.00 | 12456.00 | 435 | 540 | | | | |
| | | | | | RECOVERY | 79 1122 | 4320.00 | 12450.00 | 0 | 530 | -10 | 100 | 9 151 | |
| 3 | 792 | 122 | 20510 | SA | 3991 | 79 814 | 4328.00 | 12456.00 | 435 | 590 | | | | |
| | | | | | RELEASE | 79 814 | 4328.00 | 12456.00 | 435 | 590 | | | | |
| | | | | | RECOVERY | 83 7 8 | 4050.00 | 12440.00 | 0 | 570 | -20 | 1424 | 153 176 | |
| 3 | 792 | 154 | 20510 | SA | 2003 | 79 910 | 4641.00 | 12449.00 | 225 | 510 | | | | |
| | | | | | RELEASE | 79 910 | 4641.00 | 12449.00 | 225 | 510 | | | | |
| | | | | | RECOVERY | 81 1015 | 4650.00 | 12451.00 | 350 | 610 | 0 | 766 | 9 351 | -125 |
| 3 | 792 | 154 | 20510 | SA | 2017 | 79 910 | 4641.00 | 12449.00 | 225 | 510 | | | | |
| | | | | | RELEASE | 79 910 | 4641.00 | 12449.00 | 225 | 510 | | | | |
| | | | | | RECOVERY | 83 825 | 4608.00 | 12441.00 | 260 | 620 | 110 | 1445 | 33 170 | -35 |
| 3 | 792 | 154 | 20510 | SA | 2023 | 79 910 | 4641.00 | 12449.00 | 225 | 600 | | | | |
| | | | | | RELEASE | 79 910 | 4641.00 | 12449.00 | 225 | 600 | | | | |
| | | | | | RECOVERY | 82 521 | 4632.00 | 12441.00 | 390 | 650 | 50 | 984 | 11 140 | -155 |
| 3 | 792 | 154 | 20510 | SA | 2029 | 79 910 | 4641.00 | 12449.00 | 225 | 690 | | | | |
| | | | | | RELEASE | 79 910 | 4641.00 | 12449.00 | 225 | 690 | | | | |
| | | | | | RECOVERY | 80 8 1 | 5600.00 | 13500.00 | 0 | 0 | | 326 | 677 329 | |

| RELEASE | | | | | | DATE | LATITJD | LONGITUD | DE- | | | | | | | DPH |
|---------|-----|-----|-------|-----|------|-------------------------|----------|----------|-----|------|------|------|-------|-----|------|-----|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CANG | |
| 3 | 792 | 99 | 20510 | SA | 3793 | RELEASE 79 310 4328.00 | 12453.00 | 374 | 640 | | | | | | | |
| | | | | | | RECOVERY 801023 4320.00 | 12450.00 | 0 | 560 | -80 | 440 | 8 | 165 | | | |
| 3 | 792 | 99 | 20510 | SA | 3803 | RELEASE 79 310 4328.00 | 12453.00 | 374 | 620 | | | | | | | |
| | | | | | | RECOVERY 80 311 4630.00 | 12430.00 | 400 | 630 | 10 | 214 | 133 | 5 | -76 | | |
| 3 | 792 | 99 | 20510 | SA | 3824 | RELEASE 79 310 4328.00 | 12453.00 | 374 | 690 | | | | | | | |
| | | | | | | RECOVERY 81 615 4610.00 | 12540.00 | 250 | 0 | | 675 | 294 | 354 | 124 | | |
| 3 | 792 | 99 | 20510 | SA | 3838 | RELEASE 79 310 4323.00 | 12453.00 | 374 | 500 | | | | | | | |
| | | | | | | RECOVERY 831017 4300.00 | 12500.00 | 0 | 510 | 10 | 1529 | 28 | 190 | | | |
| 3 | 792 | 99 | 20510 | SA | 3840 | RELEASE 79 310 4328.00 | 12453.00 | 374 | 600 | | | | | | | |
| | | | | | | RECOVERY 82 7 2 4421.00 | 12453.00 | 200 | 630 | 30 | 1057 | 53 | 0 | 174 | | |
| 3 | 792 | 99 | 20510 | SA | 3851 | RELEASE 79 310 4328.00 | 12453.00 | 374 | 570 | | | | | | | |
| | | | | | | RECOVERY 79 915 4407.00 | 12503.00 | 300 | 570 | 0 | 36 | 40 | 350 | 74 | | |
| 3 | 792 | 100 | 20510 | SA | 3727 | RELEASE 79 310 4327.00 | 12450.00 | 303 | 510 | | | | | | | |
| | | | | | | RECOVERY 80 313 4320.00 | 12450.00 | 0 | 520 | 10 | 569 | 7 | 180 | | | |
| 3 | 792 | 100 | 20510 | SA | 3742 | RELEASE 79 310 4327.00 | 12450.00 | 303 | 590 | | | | | | | |
| | | | | | | RECOVERY 811030 4327.00 | 12442.00 | 0 | 650 | 60 | 312 | 6 | 90 | | | |
| 3 | 792 | 100 | 20510 | SA | 3771 | RELEASE 79 310 4327.00 | 12450.00 | 303 | 530 | | | | | | | |
| | | | | | | RECOVERY 80 319 4320.00 | 12450.00 | 0 | 510 | -20 | 375 | 7 | 120 | | | |
| 3 | 792 | 100 | 20510 | SA | 3778 | RELEASE 79 310 4327.00 | 12450.00 | 303 | 540 | | | | | | | |
| | | | | | | RECOVERY 8010 0 4320.00 | 12450.00 | 0 | 600 | 60 | | 7 | 180 | | | |
| 3 | 792 | 100 | 20510 | SA | 3783 | RELEASE 79 310 4327.00 | 12450.00 | 303 | 600 | | | | | | | |
| | | | | | | RECOVERY 83 419 4050.00 | 12440.00 | 0 | 670 | 70 | 1348 | 157 | 177 | | | |
| 3 | 792 | 101 | 20510 | SA | 3689 | RELEASE 79 310 4328.00 | 12441.00 | 217 | 620 | | | | | | | |
| | | | | | | RECOVERY 31 921 4338.00 | 12439.00 | 210 | 540 | -80 | 773 | 10 | 8 | 7 | | |
| 3 | 792 | 101 | 20510 | SA | 3699 | RELEASE 79 310 4328.00 | 12441.00 | 217 | 440 | | | | | | | |
| | | | | | | RECOVERY 821115 4300.00 | 12500.00 | 0 | 0 | | 1193 | 31 | 206 | | | |
| 3 | 792 | 101 | 20510 | SA | 3710 | RELEASE 79 310 4328.00 | 12441.00 | 217 | 530 | | | | | | | |
| | | | | | | RECOVERY 81 818 4401.00 | 12433.00 | 75 | 610 | 80 | 739 | 34 | | | | |

| VES | CRS | HAL | SPEC. | TAG | NO.1 | RELEASE | DATE YYMMDD | LATITUD DDMM.MM | LONGITUD DDMM.MM | DE-PTH | SIZE | GROW | DAYS | MILES | DIR | DEPTH CHNG |
|-----|-----|-----|-------|-----|------|----------|----------------|--------------------|---------------------|--------|------|------|------|-------|-----|---------------|
| 3 | 792 | 154 | 20510 | SA | 2036 | RELEASE | 79 910 | 4641.00 | 12449.00 | 225 | 460 | | | | | |
| | | | | | | RECOVERY | 80 129 | 4646.00 | 12501.00 | 300 | 490 | 30 | 141 | 10 | 301 | -75 |
| 3 | 792 | 155 | 20510 | SA | 2050 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 540 | | | | | |
| | | | | | | RECOVERY | 82 317 | 4623.00 | 12436.00 | 338 | 550 | 10 | 919 | 26 | 152 | -18 |
| 3 | 792 | 155 | 20510 | SA | 2075 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 750 | | | | | |
| | | | | | | RECOVERY | 83 4 0 | 4650.00 | 12500.00 | 310 | 790 | 40 | | 6 | 314 | -10 |
| 3 | 792 | 155 | 20510 | SA | 2079 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 540 | | | | | |
| | | | | | | RECOVERY | 81 6 2 | 4820.00 | 12540.00 | 0 | 740 | 200 | 631 | 99 | 342 | |
| 3 | 792 | 155 | 20510 | SA | 2082 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 590 | | | | | |
| | | | | | | RECOVERY | 80 8 0 | 4650.00 | 12500.00 | 0 | 0 | | | 6 | 314 | |
| 3 | 792 | 155 | 20510 | SA | 2083 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 510 | | | | | |
| | | | | | | RECOVERY | 83 322 | 4813.00 | 12541.00 | 0 | 610 | 100 | 1442 | 93 | 340 | |
| 3 | 792 | 155 | 20510 | SA | 2091 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 590 | | | | | |
| | | | | | | RECOVERY | 81 622 | 4320.00 | 12450.00 | 0 | 610 | 20 | 651 | 206 | 179 | |
| 3 | 792 | 155 | 20510 | SA | 2102 | RELEASE | 79 910 | 4646.00 | 12454.00 | 300 | 470 | | | | | |
| | | | | | | RECOVERY | 80 413 | 4646.00 | 12453.00 | 273 | 470 | 0 | 216 | 1 | 90 | 27 |
| 3 | 792 | 157 | 20510 | SA | 2131 | RELEASE | 79 910 | 4643.00 | 12504.00 | 450 | 0 | | | | | |
| | | | | | | RECOVERY | 81 911 | 4751.00 | 12513.00 | 228 | 0 | | 732 | 68 | 355 | 222 |
| 3 | 792 | 157 | 20510 | SA | 2155 | RELEASE | 79 910 | 4643.00 | 12504.00 | 450 | 480 | | | | | |
| | | | | | | RECOVERY | 80 0 0 | 4641.00 | 12507.00 | 540 | 560 | 80 | | 3 | 226 | -90 |
| 3 | 792 | 163 | 20510 | SA | 2170 | RELEASE | 79 913 | 4640.00 | 12446.00 | 150 | 540 | | | | | |
| | | | | | | RECOVERY | 81 831 | 4634.00 | 12439.00 | 295 | 0 | | 718 | 8 | 137 | -145 |
| 3 | 792 | 163 | 20510 | SA | 2185 | RELEASE | 79 913 | 4640.00 | 12446.00 | 150 | 480 | | | | | |
| | | | | | | RECOVERY | 81 521 | 4635.00 | 12440.00 | 350 | 0 | | 616 | 6 | 140 | -200 |
| 3 | 792 | 164 | 20510 | SA | 2195 | RELEASE | 79 913 | 4641.00 | 12449.00 | 225 | 470 | | | | | |
| | | | | | | RECOVERY | 82 1 7 | 4638.00 | 12442.00 | 300 | 610 | 140 | 847 | 6 | 122 | -75 |
| 3 | 792 | 164 | 20510 | SA | 2205 | RELEASE | 79 913 | 4641.00 | 12449.00 | 225 | 520 | | | | | |
| | | | | | | RECOVERY | 81 521 | 4635.00 | 12440.00 | 350 | 0 | | 616 | 9 | 134 | -125 |
| 3 | 792 | 164 | 20510 | SA | 2208 | RELEASE | 79 913 | 4641.00 | 12449.00 | 225 | 500 | | | | | |
| | | | | | | RECOVERY | 80 411 | 4652.00 | 12456.00 | 265 | 560 | 60 | 211 | 12 | 336 | -40 |
| 3 | 792 | 165 | 20510 | SA | 2218 | RELEASE | 79 913 | 4646.00 | 12455.00 | 300 | 580 | | | | | |
| | | | | | | RECOVERY | 83 5 2 | 4648.00 | 12454.00 | 216 | 620 | 40 | 1327 | 2 | 19 | -4 |
| 3 | 792 | 165 | 20510 | SA | 2229 | RELEASE | 79 913 | 4646.00 | 12455.00 | 300 | 560 | | | | | |
| | | | | | | RECOVERY | 8012 8 | 4640.00 | 12450.00 | 280 | 640 | 80 | 452 | 7 | 150 | 20 |
| 3 | 792 | 166 | 20510 | SA | 2248 | RELEASE | 79 913 | 4645.00 | 12457.00 | 375 | 770 | | | | | |
| | | | | | | RECOVERY | 81 928 | 4647.00 | 12500.00 | 374 | 730 | 10 | 746 | 3 | 314 | 1 |
| 3 | 792 | 166 | 20510 | SA | 2261 | RELEASE | 79 913 | 4645.00 | 12457.00 | 375 | 740 | | | | | |
| | | | | | | RECOVERY | 80 4 0 | 4638.00 | 12440.00 | 72 | 0 | | | 14 | 121 | 303 |

| RELEASE | | | | | DATE | LATITUDE | LONGITUDE | DEPTH | | | | | | | | DEPTH |
|---------|-----|-----|-------|-----|------|----------|-----------|---------|----------|------|------|------|-------|----------|----------|-------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | |
| 3 | 792 | 193 | 20510 | SA | 2925 | RELEASE | 79 922 | 4746.00 | 12523.00 | 450 | 700 | | | | | |
| | | | | | | RECOVERY | 80 7 0 | 4800.00 | 12500.00 | 0 | 0 | | | 21 | 48 | |
| 3 | 792 | 193 | 20510 | SA | 2955 | RELEASE | 79 922 | 4746.00 | 12523.00 | 450 | 560 | | | | | |
| | | | | | | RECOVERY | 81 913 | 4747.00 | 12523.00 | 445 | 560 | 0 | 722 | 1 | 0 5 | |
| 3 | 792 | 194 | 20510 | SA | 2973 | RELEASE | 79 922 | 4749.00 | 12522.00 | 375 | 570 | | | | | |
| | | | | | | RECOVERY | 82 9 7 | 4810.00 | 12450.00 | 380 | 0 | 1091 | 30 | 45 | -5 | |
| 3 | 792 | 195 | 20510 | SA | 2197 | RELEASE | 79 922 | 4749.00 | 12516.00 | 300 | 620 | | | | | |
| | | | | | | RECOVERY | 82 616 | 4300.00 | 12520.00 | 240 | 520 | -100 | 998 | 11 | 346 00 | |
| 3 | 792 | 195 | 20510 | SA | 4051 | RELEASE | 79 922 | 4749.00 | 12516.00 | 300 | 540 | | | | | |
| | | | | | | RECOVERY | 80 927 | 4749.00 | 12515.00 | 300 | 550 | 10 | 371 | 1 | 90 0 | |
| 3 | 792 | 196 | 20510 | SA | 4059 | RELEASE | 79 922 | 4751.00 | 12514.00 | 225 | 660 | | | | | |
| | | | | | | RECOVERY | 80 616 | 4750.00 | 12512.00 | 235 | 740 | 80 | 268 | 2 | 127 -10 | |
| 3 | 792 | 196 | 20510 | SA | 4063 | RELEASE | 79 922 | 4751.00 | 12514.00 | 225 | 600 | | | | | |
| | | | | | | RECOVERY | 81 911 | 4751.00 | 12513.00 | 229 | 610 | 10 | 720 | 1 | 90 -3 | |
| 3 | 792 | 196 | 20510 | SA | 4076 | RELEASE | 79 922 | 4751.00 | 12514.00 | 225 | 540 | | | | | |
| | | | | | | RECOVERY | 81 5 1 | 4730.00 | 12510.00 | 120 | 580 | 40 | 587 | 21 | 173 105 | |
| 3 | 792 | 197 | 20510 | SA | 4077 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 480 | | | | | |
| | | | | | | RECOVERY | 831121 | 4858.00 | 12632.00 | 337 | 740 | 260 | 1521 | 83 | 322 -137 | |
| 3 | 792 | 197 | 20510 | SA | 4078 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 500 | | | | | |
| | | | | | | RECOVERY | 81 9 4 | 4810.00 | 12540.00 | 250 | 0 | 713 | 24 | 314 -100 | | |
| 3 | 792 | 197 | 20510 | SA | 4085 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 580 | | | | | |
| | | | | | | RECOVERY | 79 930 | 4810.00 | 12506.00 | 0 | 430 | -150 | 9 | 13 | 17 | |
| 3 | 792 | 197 | 20510 | SA | 4090 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 530 | | | | | |
| | | | | | | RECOVERY | 80 6 3 | 4747.00 | 12505.00 | 225 | 570 | 40 | 255 | 9 | 135 -75 | |
| 3 | 792 | 197 | 20510 | SA | 4091 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 540 | | | | | |
| | | | | | | RECOVERY | 82 713 | 4820.00 | 12555.00 | 330 | 570 | 30 | 1025 | 39 | 314 -130 | |
| 3 | 792 | 197 | 20510 | SA | 4102 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 630 | | | | | |
| | | | | | | RECOVERY | 81 710 | 4640.00 | 12450.00 | 375 | 690 | 60 | 657 | 75 | 167 -225 | |
| 3 | 792 | 197 | 20510 | SA | 4103 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 690 | | | | | |
| | | | | | | RECOVERY | 81 5 6 | 4753.00 | 12541.00 | 300 | 700 | 10 | 592 | 18 | 270 -150 | |
| 3 | 792 | 197 | 20510 | SA | 4105 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 600 | | | | | |
| | | | | | | RECOVERY | 82 517 | 4810.00 | 12540.00 | 250 | 670 | 70 | 958 | 24 | 314 -100 | |
| 3 | 792 | 197 | 20510 | SA | 4117 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 560 | | | | | |
| | | | | | | RECOVERY | 80 9 8 | 4700.00 | 12500.00 | 0 | 0 | 352 | 54 | 170 | | |
| 3 | 792 | 197 | 20510 | SA | 4123 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 520 | | | | | |
| | | | | | | RECOVERY | 82 923 | 4800.00 | 12529.00 | 219 | 690 | 170 | 1097 | 12 | 305 -58 | |
| 3 | 792 | 197 | 20510 | SA | 4124 | RELEASE | 79 922 | 4753.00 | 12514.00 | 150 | 560 | | | | | |
| | | | | | | RECOVERY | 82 519 | 4800.00 | 12500.00 | 86 | 560 | 20 | 970 | 12 | 53 -4 | |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DC- | | | | | | | DPH | |
|---------|-----|-----|-------|------|---------|----------|---------|----------|----------|------|------|------|-------|-----|----------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIC | CHNG |
| 3 | 792 | 197 | 20510 | SA | 4126 | 79 922 | 4753.00 | 12514.00 | 150 | 510 | | | | | |
| | | | | | | RECOVERY | 83 8 8 | 4800.00 | 12500.00 | 89 | 530 | 20 | 1416 | 12 | 53 62 |
| 3 | 792 | 197 | 20510 | SA | 4144 | 79 922 | 4753.00 | 12514.00 | 150 | 500 | | | | | |
| | | | | | | RECOVERY | 81 4 0 | 4750.00 | 12520.00 | 150 | 630 | 180 | | 5 | 233 0 |
| 3 | 792 | 193 | 20510 | SA | 4168 | 79 924 | 4746.00 | 12524.00 | 450 | 730 | | | | | |
| | | | | | | RECOVERY | 8312 5 | 4759.00 | 12519.00 | 220 | 730 | 0 | 1533 | 13 | 14 230 |
| 3 | 792 | 198 | 20510 | SA | 4179 | 79 924 | 4746.00 | 12524.00 | 450 | 570 | | | | | |
| | | | | | | RECOVERY | 8210 5 | 4810.00 | 12540.00 | 380 | | | 1107 | 26 | 336 70 |
| 3 | 792 | 199 | 20510 | SA | 4197 | 79 924 | 4749.00 | 12522.00 | 375 | 470 | | | | | |
| | | | | | | RECOVERY | 83 927 | 4813.00 | 12541.00 | 0 | 570 | 100 | 1464 | 27 | 332 |
| 3 | 792 | 203 | 20510 | SA | 4235 | 79 925 | 4746.00 | 12524.00 | 450 | 610 | | | | | |
| | | | | | | RECOVERY | 80 114 | 4700.00 | 12500.00 | 0 | 570 | -40 | 111 | 49 | 160 |
| 3 | 792 | 204 | 20510 | SA | 4279 | 79 925 | 4749.00 | 12522.00 | 375 | 530 | | | | | |
| | | | | | | RECOVERY | 82 918 | 4810.00 | 12540.00 | 380 | 540 | 10 | 1089 | 24 | 330 -5 |
| 3 | 792 | 204 | 20510 | SA | 4284 | 79 925 | 4749.00 | 12522.00 | 375 | 580 | | | | | |
| | | | | | | RECOVERY | 32 616 | 4800.00 | 12520.00 | 240 | 520 | -60 | 993 | 11 | 7 135 |
| 3 | 792 | 204 | 20510 | SA | 4291 | 79 925 | 4749.00 | 12522.00 | 375 | 500 | | | | | |
| | | | | | | RECOVERY | 61 913 | 4749.00 | 12522.00 | 377 | 500 | 0 | 719 | 0 | 0 -2 |
| 3 | 792 | 204 | 20510 | SA | 4292 | 79 925 | 4749.00 | 12522.00 | 375 | 630 | | | | | |
| | | | | | | RECOVERY | 80 926 | 4747.00 | 12522.00 | 450 | 610 | -20 | 367 | 2 | 180 -75 |
| 3 | 792 | 207 | 20510 | SA | 4316 | 79 925 | 4753.00 | 12514.00 | 150 | 510 | | | | | |
| | | | | | | RECOVERY | 82 419 | 4810.00 | 12540.00 | 250 | | | 937 | 24 | 314 -100 |
| 3 | 792 | 207 | 20510 | SA | 4317 | 79 925 | 4753.00 | 12514.00 | 150 | 490 | | | | | |
| | | | | | | RECOVERY | 82 6 1 | 4813.00 | 12512.00 | 185 | | | 930 | 20 | 4 -35 |
| 3 | 792 | 203 | 20510 | SA | 4321 | 79 926 | 4750.00 | 12516.00 | 300 | 510 | | | | | |
| | | | | | | RECOVERY | 82 615 | 4800.00 | 12520.00 | 240 | 480 | -30 | 993 | 10 | 345 60 |
| 3 | 792 | 208 | 20510 | SA | 4324 | 79 926 | 4750.00 | 12516.00 | 300 | 560 | | | | | |
| | | | | | | RECOVERY | 83 812 | 4813.00 | 12541.00 | 0 | 530 | -30 | 1416 | 26 | 324 |
| 3 | 792 | 209 | 20510 | SA | 4329 | 79 926 | 4753.00 | 12514.00 | 150 | 530 | | | | | |
| | | | | | | RECOVERY | 80 614 | 4742.00 | 12507.00 | 235 | 580 | 50 | 262 | 12 | 157 -35 |
| 3 | 802 | 95 | 20510 | SA | 8424 | 80 8 7 | 4323.00 | 12439.00 | 150 | 730 | | | | | |
| | | | | | | RECOVERY | 801113 | 4336.00 | 12439.00 | 195 | 710 | -20 | 98 | 13 | 0 -45 |
| 3 | 802 | 95 | 20510 | SA | 8435 | 80 8 7 | 4323.00 | 12439.00 | 150 | 490 | | | | | |
| | | | | | | RECOVERY | 81 2 6 | 4320.00 | 12450.00 | 290 | 570 | 80 | 183 | 9 | 250 -140 |
| 3 | 802 | 95 | 20510 | SA | 8438 | 80 8 7 | 4323.00 | 12439.00 | 150 | 530 | | | | | |
| | | | | | | RECOVERY | 81 417 | 4020.00 | 12430.00 | 350 | 610 | 30 | 253 | 133 | 173 -200 |
| 3 | 802 | 95 | 20510 | SA | 8459 | 80 8 7 | 4323.00 | 12439.00 | 150 | 430 | | | | | |
| | | | | | | RECOVERY | 81 312 | 4329.00 | 12439.00 | 150 | 480 | 20 | 370 | 8 | 0 0 |

| RELEASE | | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | DPTH |
|---------|-----|-----|-------|-----|------|----------|----------------|----------|-----|------|------|------|-------|-----|------|------|
| VES | CRS | HAL | SPEC. | TAG | NO. | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | |
| 3 | 802 | 97 | 20510 | SA | 8663 | RELEASE | 80 3 7 4326.00 | 12449.00 | 225 | 520 | | | | | | |
| | | | | | | RECOVERY | 81 1 6 4546.00 | 12448.00 | 275 | 470 | -50 | 152 | 140 | 0 | -50 | |
| 3 | 802 | 98 | 20510 | SA | 8689 | RELEASE | 80 3 7 4328.00 | 12453.00 | 375 | 570 | | | | | | |
| | | | | | | RECOVERY | 83 4 8 3254.00 | 11307.00 | 350 | | | 974 | 709 | 151 | 25 | |
| 3 | 802 | 98 | 20510 | SA | 8703 | RELEASE | 80 3 7 4328.00 | 12453.00 | 375 | 430 | | | | | | |
| | | | | | | RECOVERY | 82 3 2 4431.00 | 12451.00 | 200 | 510 | 30 | 725 | 83 | 1 | 175 | |
| 3 | 802 | 105 | 20510 | SA | 4337 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 500 | | | | | | |
| | | | | | | RECOVERY | 81 5 5 4332.00 | 12437.00 | 190 | 530 | 30 | 269 | 4 | 0 | -40 | |
| 3 | 802 | 105 | 20510 | SA | 4357 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 500 | | | | | | |
| | | | | | | RECOVERY | 81 424 4327.00 | 12441.00 | 150 | 510 | 10 | 258 | 2 | 245 | 0 | |
| 3 | 802 | 105 | 20510 | SA | 8738 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 670 | | | | | | |
| | | | | | | RECOVERY | 83 425 4810.00 | 12540.00 | 0 | 710 | 40 | 989 | 235 | 352 | | |
| 3 | 802 | 105 | 20510 | SA | 8742 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 460 | | | | | | |
| | | | | | | RECOVERY | 82 3 4 4300.00 | 12500.00 | 40 | 0 | | 725 | 32 | 210 | 110 | |
| 3 | 802 | 105 | 20510 | SA | 8753 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 720 | | | | | | |
| | | | | | | RECOVERY | 82 5 3 4300.00 | 12500.00 | 0 | 0 | | 632 | 32 | 210 | | |
| 3 | 802 | 105 | 20510 | SA | 8759 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 650 | | | | | | |
| | | | | | | RECOVERY | 90 317 4329.00 | 12441.00 | 110 | 0 | | 6 | 2 | 295 | 40 | |
| 3 | 802 | 105 | 20510 | SA | 8763 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 0 | | | | | | |
| | | | | | | RECOVERY | 81 5 4 4324.00 | 12440.00 | 150 | 0 | | 268 | 4 | 200 | 0 | |
| 3 | 802 | 105 | 20510 | SA | 8764 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 500 | | | | | | |
| | | | | | | RECOVERY | 81 110 4440.00 | 12450.00 | 300 | 560 | 80 | 154 | 73 | 353 | -150 | |
| 3 | 802 | 105 | 20510 | SA | 8777 | RELEASE | 80 3 9 4328.00 | 12438.00 | 150 | 620 | | | | | | |
| | | | | | | RECOVERY | 83 416 4352.00 | 12439.00 | 165 | 710 | 90 | 980 | 24 | 358 | -15 | |
| 3 | 802 | 105 | 20510 | SA | 8790 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 510 | | | | | | |
| | | | | | | RECOVERY | 81 328 4354.00 | 12441.00 | 117 | 520 | 10 | 384 | 26 | 355 | 33 | |
| 3 | 802 | 105 | 20510 | SA | 8794 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 490 | | | | | | |
| | | | | | | RECOVERY | 81 630 4334.00 | 12436.00 | 153 | 680 | 190 | 325 | 6 | 14 | -3 | |
| 3 | 802 | 105 | 20510 | SA | 8796 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 480 | | | | | | |
| | | | | | | RECOVERY | 81 311 4300.00 | 12500.00 | 0 | 540 | 60 | 367 | 32 | 210 | | |
| 3 | 802 | 105 | 20510 | SA | 8800 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 480 | | | | | | |
| | | | | | | RECOVERY | 82 9 9 4320.00 | 12450.00 | 0 | 330 | -150 | 761 | 12 | 228 | | |
| 3 | 802 | 105 | 20510 | SA | 8902 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 500 | | | | | | |
| | | | | | | RECOVERY | 81 519 4338.00 | 12438.00 | 185 | 530 | 30 | 283 | 10 | 0 | -35 | |
| 3 | 802 | 105 | 20510 | SA | 8303 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 490 | | | | | | |
| | | | | | | RECOVERY | 82 920 4320.00 | 12450.00 | 0 | 540 | 50 | 772 | 12 | 208 | | |
| 3 | 802 | 105 | 20510 | SA | 8310 | RELEASE | 80 8 9 4328.00 | 12438.00 | 150 | 580 | | | | | | |
| | | | | | | RECOVERY | 83 430 4401.00 | 12456.00 | 235 | 560 | -20 | 994 | 35 | 339 | -45 | |

| RELEASE | | | | | DATE | LATITUDE | LONGITUDE | DEPTH | | | | | DEPTH | | |
|---------|-------|-----|-------|-----|------|----------|-----------|----------|----------|------|------|------|-------|------|------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG |
| 3 | 802 | 105 | 20510 | SA | 8813 | 80 8 9 | 4323.00 | 12438.00 | 150 | 560 | | | | | |
| | | | | | | RECOVERY | 80 8 25 | 4320.00 | 12450.00 | 0 | 540 | -20 | 16 | 12 | 228 |
| 3 | 802 | 105 | 20510 | SA | 8828 | 80 8 9 | 4328.00 | 12438.00 | 150 | 600 | | | | | |
| | | | | | | RECOVERY | 80 8 18 | 4340.00 | 12440.00 | 80 | 0 | | 40 | 12 | 353 |
| 3 | 802 | 105 | 20510 | SA | 8834 | 80 8 9 | 4328.00 | 12438.00 | 150 | 660 | | | | | |
| | | | | | | RECOVERY | 81 4 13 | 4320.00 | 12450.00 | 0 | 660 | 0 | 247 | 12 | 228 |
| 3 | 802 | 105 | 20510 | SA | 8840 | 80 8 9 | 4328.00 | 12438.00 | 150 | 530 | | | | | |
| | | | | | | RECOVERY | 80 9 24 | 4346.00 | 12435.00 | 100 | 0 | | 45 | 12 | 7 |
| 3 | 802 | 105 | 20510 | SA | 8842 | 80 8 9 | 4328.00 | 12438.00 | 150 | 570 | | | | | |
| | | | | | | RECOVERY | 83 12 12 | 5223.00 | 17037.00 | 190 | 670 | 100 | 1220 | 1396 | 303 |
| 3 | 802 | 105 | 20510 | SA | 8845 | 80 8 9 | 4328.00 | 12438.00 | 150 | 660 | | | | | |
| | | | | | | RECOVERY | 82 8 15 | 4810.00 | 12540.00 | 350 | 710 | 50 | 736 | 285 | 352 |
| 3 | 802 | 105 | 20510 | SA | 8874 | 80 8 9 | 4328.00 | 12438.00 | 150 | 500 | | | | | |
| | | | | | | RECOVERY | 82 9 0 | 4320.00 | 12450.00 | 0 | 650 | 150 | | 12 | 228 |
| 3 | 802 | 105 | 20510 | SA | 8896 | 80 8 9 | 4328.00 | 12438.00 | 150 | 600 | | | | | |
| | | | | | | RECOVERY | 81 4 25 | 4320.00 | 12450.00 | 0 | 690 | 90 | 259 | 12 | 228 |
| 3 | 802 | 105 | 20510 | SA | 8899 | 80 8 9 | 4328.00 | 12438.00 | 150 | 460 | | | | | |
| | | | | | | RECOVERY | 81 4 28 | 4329.00 | 12440.00 | 150 | 520 | 60 | 252 | 2 | 304 |
| 3 | 802 | 105 | 20510 | SA | 8903 | 80 8 9 | 4328.00 | 12438.00 | 150 | 520 | | | | | |
| | | | | | | RECOVERY | 81 8 14 | 4127.00 | 12436.00 | 123 | 460 | -50 | 370 | 121 | 179 |
| 3 | 802 | 105 | 20510 | SA | 8918 | 80 8 9 | 4328.00 | 12438.00 | 150 | 580 | | | | | |
| | | | | | | RECOVERY | 81 7 19 | 4342.00 | 12441.00 | 180 | 620 | 40 | 344 | 14 | 351 |
| 3 | 802 | 105 | 20510 | SA | 8930 | 80 8 9 | 4328.00 | 12438.00 | 150 | 540 | | | | | |
| | | | | | | RECOVERY | 82 7 13 | 4500.00 | 12440.00 | 0 | 0 | | 703 | 92 | 359 |
| 3 | 802 | 105 | 20510 | SA | 8931 | 80 8 9 | 4328.00 | 12438.00 | 150 | 520 | | | | | |
| | | | | | | RECOVERY | 80 11 14 | 4320.00 | 12450.00 | 0 | 570 | 50 | 97 | 12 | 228 |
| 3 | 802 | 105 | 20510 | SA | 8937 | 80 8 9 | 4328.00 | 12438.00 | 150 | 490 | | | | | |
| | | | | | | RECOVERY | 81 5 19 | 4338.00 | 12439.00 | 198 | 530 | 40 | 283 | 10 | 356 |
| 3 | 802</ | | | | | | | | | | | | | | |

| RELEASE | | | | NO.1 | | DATE YYMMDD | LATITUD DDMM.MM | LONGITUD DDDMM.MM | DE- PTH | SIZE | GROW | DAYS | MILES | DIR | DPTH CHNG |
|---------|-----|-----|-------|------|------|---------------------------|--------------------|----------------------|------------|------|------|------|-------|-----|--------------|
| YES | CRS | HAL | SPEC. | | | | | | | | | | | | |
| 3 | 802 | 106 | 20510 | SA | 4385 | RELEASE 80 8 9 4328.00 | 12441.00 | 225 | 530 | | | | | | |
| | | | | | | RECOVERY 81 7 16 4320.00 | 12450.00 | 0 | 0 | | | 341 | 10 | 219 | |
| 3 | 802 | 106 | 20510 | SA | 4387 | RELEASE 80 8 9 4323.00 | 12441.00 | 225 | 570 | | | | | | |
| | | | | | | RECOVERY 81 6 7 4300.00 | 12500.00 | 0 | 600 | 30 | | 302 | 31 | 206 | |
| 3 | 802 | 106 | 20510 | SA | 4395 | RELEASE 80 8 9 4328.00 | 12441.00 | 225 | 510 | | | | | | |
| | | | | | | RECOVERY 80 8 19 4320.00 | 12450.00 | 0 | 520 | 10 | | 10 | 10 | 219 | |
| 3 | 802 | 107 | 20510 | SA | 4441 | RELEASE 80 8 9 4327.00 | 12449.00 | 300 | 550 | | | | | | |
| | | | | | | RECOVERY 80 9 25 4330.00 | 12500.00 | 475 | 550 | 0 | | 16 | 9 | 201 | -175 |
| 3 | 802 | 108 | 20510 | SA | 4463 | RELEASE 80 9 9 4327.00 | 12453.00 | 375 | 830 | | | | | | |
| | | | | | | RECOVERY 80 10 2 4120.00 | 12429.00 | 260 | 910 | -20 | | 54 | 123 | 172 | 115 |
| 3 | 802 | 108 | 20510 | SA | 4468 | RELEASE 80 8 9 4327.00 | 12453.00 | 375 | 490 | | | | | | |
| | | | | | | RECOVERY 82 6 21 4053.00 | 12435.00 | 400 | 500 | 10 | | 681 | 155 | 175 | -25 |
| 3 | 802 | 108 | 20510 | SA | 4471 | RELEASE 80 8 9 4327.00 | 12453.00 | 375 | 660 | | | | | | |
| | | | | | | RECOVERY 81 10 26 4614.00 | 12427.00 | 250 | 670 | 10 | | 443 | 156 | 5 | 125 |
| 3 | 802 | 115 | 20510 | SA | 4506 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 700 | | | | | | |
| | | | | | | RECOVERY 83 5 1 4335.00 | 12430.00 | 290 | 850 | 150 | | 993 | 10 | 43 | -140 |
| 3 | 802 | 115 | 20510 | SA | 4537 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 490 | | | | | | |
| | | | | | | RECOVERY 81 3 6 4329.00 | 12441.00 | 225 | 530 | 40 | | 360 | 2 | 304 | -75 |
| 3 | 802 | 115 | 20510 | SA | 4541 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 500 | | | | | | |
| | | | | | | RECOVERY 80 8 24 4340.00 | 12440.00 | 85 | 0 | | | 13 | 12 | 357 | 65 |
| 3 | 802 | 115 | 20510 | SA | 4542 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 400 | | | | | | |
| | | | | | | RECOVERY 81 6 7 4300.00 | 12500.00 | 0 | 610 | 130 | | 300 | 32 | 209 | |
| 3 | 802 | 115 | 20510 | SA | 4553 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 650 | | | | | | |
| | | | | | | RECOVERY 82 9 21 4320.00 | 12450.00 | 0 | 450 | -190 | | 771 | 11 | 225 | |
| 3 | 802 | 115 | 20510 | SA | 4554 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 620 | | | | | | |
| | | | | | | RECOVERY 81 4 30 4338.00 | 12439.00 | 195 | 630 | 10 | | 262 | 10 | 4 | -45 |
| 3 | 802 | 115 | 20510 | SA | 4566 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 630 | | | | | | |
| | | | | | | RECOVERY 81 2 11 4440.00 | 12450.00 | 290 | 570 | -60 | | 184 | 72 | 354 | -140 |
| 3 | 802 | 115 | 20510 | SA | 4582 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 650 | | | | | | |
| | | | | | | RECOVERY 80 10 30 4315.00 | 12449.00 | 185 | 660 | 0 | | 80 | 14 | 209 | -55 |
| 3 | 802 | 115 | 20510 | SA | 4593 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 570 | | | | | | |
| | | | | | | RECOVERY 80 10 30 4336.00 | 12439.00 | 195 | 680 | 110 | | 80 | 8 | 0 | -45 |
| 3 | 802 | 115 | 20510 | SA | 4599 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 530 | | | | | | |
| | | | | | | RECOVERY 81 4 30 4333.00 | 12437.00 | 135 | 540 | 10 | | 262 | 10 | 8 | -55 |
| 3 | 802 | 115 | 20510 | SA | 4609 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 450 | | | | | | |
| | | | | | | RECOVERY 81 4 30 4337.00 | 12437.00 | 135 | 490 | 40 | | 262 | 9 | 0 | -35 |
| 3 | 802 | 115 | 20510 | SA | 4613 | RELEASE 80 8 11 4328.00 | 12439.00 | 150 | 540 | | | | | | |
| | | | | | | RECOVERY 81 9 0 4440.00 | 12450.00 | 0 | 0 | | | | 72 | 354 | |

| RELEASE | | | | | DATE | LATITJD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|-----|-------|-------------------------|----------|---------|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 3 | 802 | 116 | 20510 | SA | 4772 | RELEASE 80 811 4328.00 | 12441.00 | 225 | 820 | | | | | |
| | | | | | | RECOVERY 82 918 4507.00 | 12437.00 | 260 | 890 | 70 | 768 | 92 | 2 | -35 |
| 3 | 802 | 118 | 20510 | SA | 4829 | RELEASE 80 811 4327.00 | 12453.00 | 375 | 590 | | | | | |
| | | | | | | RECOVERY 83 4 8 4320.00 | 12447.00 | 300 | 590 | 0 | 970 | 8 | 148 | 75 |
| 3 | 802 | 121 | 20510 | SA | 4893 | RELEASE 80 813 4520.00 | 12448.00 | 375 | 520 | | | | | |
| | | | | | | RECOVERY 82 5 5 4522.00 | 12448.00 | 365 | 0 | | 630 | 2 | 0 | 10 |
| 3 | 802 | 121 | 20510 | SA | 4920 | RELEASE 80 813 4520.00 | 12448.00 | 375 | 500 | | | | | |
| | | | | | | RECOVERY 83 5 4 4540.00 | 12450.00 | 140 | 0 | | 994 | 20 | 356 | 235 |
| 3 | 802 | 123 | 20510 | SA | 4983 | RELEASE 80 813 4519.00 | 12433.00 | 225 | 680 | | | | | |
| | | | | | | RECOVERY 82 727 4513.00 | 12428.00 | 225 | 690 | 10 | 713 | 7 | 142 | 0 |
| 3 | 802 | 123 | 20510 | SA | 16053 | RELEASE 80 813 4519.00 | 12433.00 | 225 | 580 | | | | | |
| | | | | | | RECOVERY 82 819 4440.00 | 12450.00 | 0 | 470 | -110 | 736 | 41 | 197 | |
| 3 | 802 | 124 | 20510 | SA | 16058 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 700 | | | | | |
| | | | | | | RECOVERY 81 9 6 4528.00 | 12419.00 | 98 | 0 | | 389 | 9 | 13 | 52 |
| 3 | 802 | 124 | 20510 | SA | 16074 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 590 | | | | | |
| | | | | | | RECOVERY 82 9 5 4452.00 | 12431.00 | 170 | 560 | -30 | 753 | 28 | 193 | -20 |
| 3 | 802 | 124 | 20510 | SA | 16075 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 620 | | | | | |
| | | | | | | RECOVERY 82 7 6 4505.00 | 12424.00 | 180 | 600 | -20 | 692 | 14 | 186 | -30 |
| 3 | 802 | 124 | 20510 | SA | 16081 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 580 | | | | | |
| | | | | | | RECOVERY 81 810 4506.00 | 12424.00 | 152 | 0 | | 362 | 13 | 186 | -2 |
| 3 | 802 | 124 | 20510 | SA | 16083 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 660 | | | | | |
| | | | | | | RECOVERY 81 826 4513.00 | 12442.00 | 170 | 0 | | 317 | 15 | 247 | -20 |
| 3 | 802 | 124 | 20510 | SA | 16117 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 560 | | | | | |
| | | | | | | RECOVERY 83 921 4527.00 | 12435.00 | 250 | 660 | 100 | 1134 | 12 | 311 | -100 |
| 3 | 802 | 124 | 20510 | SA | 16126 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 660 | | | | | |
| | | | | | | RECOVERY 82 725 4526.00 | 12427.00 | 202 | 750 | 90 | 711 | 8 | 333 | -52 |
| 3 | 802 | 124 | 20510 | SA | 16133 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 710 | | | | | |
| | | | | | | RECOVERY 82 624 4518.00 | 12425.00 | 210 | 740 | 30 | 680 | 2 | 245 | -50 |
| 3 | 802 | 124 | 20510 | SA | 16141 | RELEASE 80 813 4519.00 | 12422.00 | 150 | 480 | | | | | |
| | | | | | | RECOVERY 82 530 4733.00 | 12438.00 | 228 | 490 | 10 | 655 | 135 | 355 | -78 |
| 3 | 802 | 131 | 20510 | SA | 16149 | RELEASE 80 817 4519.00 | 12433.00 | 225 | 760 | | | | | |
| | | | | | | RECOVERY 82 511 4508.00 | 12423.00 | 190 | 790 | 30 | 663 | 13 | 147 | 35 |
| 3 | 802 | 131 | 20510 | SA | 16153 | RELEASE 80 817 4519.00 | 12433.00 | 225 | 560 | | | | | |
| | | | | | | RECOVERY 83 824 4535.00 | 12441.00 | 235 | 610 | 50 | 1102 | 17 | 341 | -10 |
| 3 | 802 | 131 | 20510 | SA | 16159 | RELEASE 80 817 4519.00 | 12433.00 | 225 | 690 | | | | | |
| | | | | | | RECOVERY 83 831 4531.00 | 12432.00 | 250 | 690 | 0 | 1109 | 13 | 341 | -25 |
| 3 | 802 | 131 | 20510 | SA | 16160 | RELEASE 80 817 4519.00 | 12433.00 | 225 | 700 | | | | | |
| | | | | | | RECOVERY 81 2 6 4550.00 | 12450.00 | 0 | 740 | 40 | 173 | 33 | 339 | |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|-----------|------------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG NO.-1 | YYMMDD | DDMM.MM | DDDMM.MM | PTH | | | | | | CHVG |
| 3 | 802 | 131 | 20510 | SA 16182 | RELEASE 80 817 | 4519.00 | 12433.00 | 225 | 790 | | | | | |
| | | | | | RECOVERY 82 822 | 4810.00 | 12540.00 | 350 | 780 | -10 | 735 | 177 | 345 | -125 |
| 3 | 802 | 131 | 20510 | SA 16190 | RELEASE 80 817 | 4519.00 | 12433.00 | 225 | 740 | | | | | |
| | | | | | RECOVERY 82 817 | 4508.00 | 12424.00 | 190 | 740 | 0 | 669 | 13 | 150 | 35 |
| 3 | 802 | 131 | 20510 | SA 16194 | RELEASE 80 817 | 4519.00 | 12433.00 | 225 | 490 | | | | | |
| | | | | | RECOVERY 83 5 2 | 4320.00 | 12450.00 | 0 | 0 | | 1019 | 120 | 186 | |
| 3 | 802 | 132 | 20510 | SA 16239 | RELEASE 80 817 | 4521.00 | 12446.00 | 300 | 500 | | | | | |
| | | | | | RECOVERY 82 816 | 4629.00 | 12436.00 | 280 | 520 | 20 | 668 | 63 | 5 | 20 |
| 3 | 802 | 133 | 20510 | SA 16290 | RELEASE 80 817 | 4520.00 | 12448.00 | 375 | 770 | | | | | |
| | | | | | RECOVERY 82 7 4 | 4800.00 | 12500.00 | 0 | 810 | 40 | 686 | 160 | 357 | |
| 3 | 802 | 133 | 20510 | SA 16298 | RELEASE 80 817 | 4520.00 | 12448.00 | 375 | 500 | | | | | |
| | | | | | RECOVERY 82 5 6 | 4521.00 | 12449.00 | 330 | 0 | | 627 | 1 | 325 | -5 |
| 3 | 802 | 134 | 20510 | SA 16312 | RELEASE 80 817 | 4521.00 | 12451.00 | 450 | 590 | | | | | |
| | | | | | RECOVERY 83 4 1 | 4539.00 | 12447.00 | 350 | 720 | 130 | 957 | 18 | 9 | 100 |
| 3 | 802 | 140 | 20510 | SA 16323 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 700 | | | | | |
| | | | | | RECOVERY 83 12 5 | 4615.00 | 12430.00 | 275 | 0 | | 1202 | 56 | 354 | -125 |
| 3 | 802 | 140 | 20510 | SA 16324 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 640 | | | | | |
| | | | | | RECOVERY 82 719 | 4512.00 | 12420.00 | 250 | 660 | 20 | 698 | 7 | 169 | -100 |
| 3 | 802 | 140 | 20510 | SA 16325 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 570 | | | | | |
| | | | | | RECOVERY 82 627 | 4520.00 | 12426.00 | 210 | 520 | 50 | 675 | 3 | 290 | -60 |
| 3 | 802 | 140 | 20510 | SA 16331 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 580 | | | | | |
| | | | | | RECOVERY 81 110 | 4300.00 | 12500.00 | 0 | 580 | 0 | 143 | 163 | 351 | |
| 3 | 802 | 140 | 20510 | SA 16334 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 520 | | | | | |
| | | | | | RECOVERY 82 610 | 4501.00 | 12424.00 | 180 | 580 | 60 | 659 | 18 | 185 | -30 |
| 3 | 802 | 140 | 20510 | SA 16342 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 490 | | | | | |
| | | | | | RECOVERY 83 7 4 | 5108.00 | 12948.00 | 0 | 530 | 40 | 1048 | 411 | 330 | |
| 3 | 802 | 140 | 20510 | SA 16344 | RELEASE 80 820 | 4519.00 | 12422.00 | 150 | 490 | | | | | |
| | | | | | RECOVERY 82 712 | 4442.00 | 12425.00 | 0 | 0 | | 591 | 37 | 183 | |
| 3 | 802 | 141 | 20510 | SA 16356 | RELEASE 80 820 | 4519.00 | 12433.00 | 225 | 620 | | | | | |
| | | | | | RECOVERY 81 827 | 4111.00 | 12426.00 | 215 | 670 | 50 | 372 | 243 | 179 | 10 |
| 3 | 802 | 141 | 20510 | SA 16359 | RELEASE 80 820 | 4519.00 | 12433.00 | 225 | 770 | | | | | |
| | | | | | RECOVERY 82 318 | 4515.00 | 12423.00 | 240 | 0 | | 575 | 8 | 119 | -15 |
| 3 | 802 | 141 | 20510 | SA 16363 | RELEASE 80 820 | 4519.00 | 12433.00 | 225 | 720 | | | | | |
| | | | | | RECOVERY 82 721 | 4513.00 | 12430.00 | 225 | 750 | 40 | 700 | 6 | 161 | 0 |
| 3 | 802 | 143 | 20510 | SA 16437 | RELEASE 80 820 | 4521.00 | 12448.00 | 375 | 460 | | | | | |
| | | | | | RECOVERY 82 9 2 | 4628.00 | 12433.00 | 300 | 660 | 200 | 743 | 68 | 9 | 75 |
| 3 | 802 | 143 | 20510 | SA 16447 | RELEASE 80 820 | 4521.00 | 12448.00 | 375 | 630 | | | | | |
| | | | | | RECOVERY 80 10 4 | 4535.00 | 12456.00 | 250 | 0 | | 45 | 15 | 333 | 115 |

| RELEASE | | | | DATE | LATITUDE | LONGITUDE | DEPTH | SIZE | GROW | DAYS | MILES | DIA | DEPTH |
|---------|-----|-----|-------|----------|---------------------------|-----------|---------|------|------|------|-------|-----|-------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 3 | 802 | 147 | 20510 | SA 16493 | RELEASE 80 911 4644.00 | 12505.00 | 459 | 700 | | | | | |
| | | | | | RECOVERY 82 825 4703.00 | 12459.00 | 280 | 0 | | 713 | 20 | 14 | 179 |
| 3 | 802 | 148 | 20510 | SA 16639 | RELEASE 80 911 4646.00 | 12500.00 | 375 | 650 | | | | | |
| | | | | | RECOVERY 81 1 0 4655.00 | 12503.00 | 280 | 660 | 10 | | 9 | 347 | 35 |
| 3 | 802 | 149 | 20510 | SA 16652 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 720 | | | | | |
| | | | | | RECOVERY 81 521 4635.00 | 12440.00 | 350 | 0 | | 252 | 15 | 137 | -48 |
| 3 | 802 | 149 | 20510 | SA 16653 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 520 | | | | | |
| | | | | | RECOVERY 81 6 0 4531.00 | 12434.00 | 250 | 510 | -10 | | 75 | 169 | 52 |
| 3 | 802 | 149 | 20510 | SA 16658 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 680 | | | | | |
| | | | | | RECOVERY 81 728 4635.00 | 12439.00 | 325 | 0 | | 320 | 16 | 135 | -23 |
| 3 | 802 | 149 | 20510 | SA 16661 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 660 | | | | | |
| | | | | | RECOVERY 82 329 4640.00 | 12453.00 | 280 | 710 | 50 | 564 | 6 | 199 | 22 |
| 3 | 802 | 149 | 20510 | SA 16671 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 640 | | | | | |
| | | | | | RECOVERY 81 8 4 4641.00 | 12438.00 | 250 | 690 | 50 | 327 | 13 | 113 | 52 |
| 3 | 802 | 149 | 20510 | SA 16674 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 690 | | | | | |
| | | | | | RECOVERY 82 1019 4650.00 | 12500.00 | 200 | 760 | 70 | 768 | 5 | 319 | 102 |
| 3 | 802 | 149 | 20510 | SA 16694 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 600 | | | | | |
| | | | | | RECOVERY 81 428 4631.00 | 12443.00 | 270 | 610 | 10 | 229 | 17 | 151 | 32 |
| 3 | 802 | 149 | 20510 | SA 16705 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 660 | | | | | |
| | | | | | RECOVERY 81 310 4820.00 | 12540.00 | 0 | 660 | 0 | 180 | 99 | 342 | |
| 3 | 802 | 149 | 20510 | SA 16711 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 570 | | | | | |
| | | | | | RECOVERY 81 5 5 4647.00 | 12454.00 | 270 | 580 | 10 | 236 | 1 | 34 | 32 |
| 3 | 802 | 149 | 20510 | SA 16714 | RELEASE 80 911 4646.00 | 12455.00 | 302 | 600 | | | | | |
| | | | | | RECOVERY 81 618 4655.00 | 12512.00 | 425 | 0 | | 280 | 15 | 308 | -123 |
| 3 | 802 | 150 | 20510 | SA 16729 | RELEASE 80 911 4641.00 | 12450.00 | 227 | 620 | | | | | |
| | | | | | RECOVERY 81 521 4635.00 | 12440.00 | 350 | 0 | | 252 | 9 | 131 | -123 |
| 3 | 802 | 150 | 20510 | SA 16742 | RELEASE 80 911 4641.00 | 12450.00 | 227 | 490 | | | | | |
| | | | | | RECOVERY 81 919 4641.00 | 12449.00 | 229 | 510 | 20 | 373 | 1 | 90 | -2 |
| 3 | 802 | 150 | 20510 | SA 16744 | RELEASE 80 911 4641.00 | 12450.00 | 227 | 490 | | | | | |
| | | | | | RECOVERY 81 924 4640.00 | 12450.00 | 225 | 530 | 40 | 378 | 1 | 180 | 2 |
| 3 | 802 | 150 | 20510 | SA 16747 | RELEASE 80 911 4641.00 | 12450.00 | 227 | 560 | | | | | |
| | | | | | RECOVERY 81 6 2 4320.00 | 12540.00 | 0 | 570 | 10 | 264 | 105 | 341 | |
| 3 | 802 | 150 | 20510 | SA 16775 | RELEASE 80 911 4641.00 | 12450.00 | 227 | 560 | | | | | |
| | | | | | RECOVERY 81 10 1 4829.00 | 12614.00 | 270 | 570 | 10 | 385 | 28 | 116 | -43 |
| 3 | 802 | 151 | 20510 | SA 16751 | RELEASE 80 911 4640.00 | 12447.00 | 150 | 500 | | | | | |
| | | | | | RECOVERY 80 12 19 4640.00 | 12450.00 | 205 | 0 | | 99 | 2 | 270 | -55 |
| 3 | 802 | 151 | 20510 | SA 16753 | RELEASE 80 911 4640.00 | 12447.00 | 150 | 500 | | | | | |
| | | | | | RECOVERY 81 612 4941.00 | 12730.00 | 313 | 500 | 0 | 274 | 211 | 330 | -163 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|----------|----------|---------|----------|----------|------|------|------|-------|-----|------|------|--|--|--|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | | |
| 3 | 902 | 151 | 20510 | SA 16757 | RELEASE | 30 911 | 4640.00 | 12447.00 | 150 | 540 | | | | | | | | |
| | | | | | RECOVERY | 82 5 9 | 4838.00 | 12616.00 | 280 | 540 | 0 | 605 | 133 | 334 | -130 | | | |
| 3 | 802 | 151 | 20510 | SA 16761 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 680 | | | | | | | | |
| | | | | | RECOVERY | 81 726 | 4639.00 | 12443.00 | 200 | 0 | | 318 | 3 | 110 | -50 | | | |
| 3 | 802 | 151 | 20510 | SA 16797 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 480 | | | | | | | | |
| | | | | | RECOVERY | 81 428 | 4631.00 | 12443.00 | 270 | 490 | 10 | 229 | 9 | 163 | -120 | | | |
| 3 | 802 | 151 | 20510 | SA 16800 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 540 | | | | | | | | |
| | | | | | RECOVERY | 821019 | 4650.00 | 12500.00 | 200 | 640 | 100 | 768 | 13 | 318 | -50 | | | |
| 3 | 802 | 151 | 20510 | SA 16806 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 500 | | | | | | | | |
| | | | | | RECOVERY | 83 825 | 4608.00 | 12441.00 | 260 | 510 | 10 | 1078 | 32 | 173 | -110 | | | |
| 3 | 802 | 151 | 20510 | SA 16807 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 550 | | | | | | | | |
| | | | | | RECOVERY | 81 831 | 4634.00 | 12438.00 | 295 | 0 | | 354 | 9 | 134 | -145 | | | |
| 3 | 802 | 151 | 20510 | SA 16812 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 580 | | | | | | | | |
| | | | | | RECOVERY | 81 6 8 | 4638.00 | 12443.00 | 300 | 580 | 0 | 270 | 3 | 126 | -150 | | | |
| 3 | 802 | 151 | 20510 | SA 16814 | RELEASE | 80 911 | 4640.00 | 12447.00 | 150 | 540 | | | | | | | | |
| | | | | | RECOVERY | 82 1 8 | 4620.00 | 12440.00 | 0 | 580 | 40 | 484 | 21 | 165 | | | | |
| 3 | 802 | 163 | 20510 | SA 16848 | RELEASE | 80 916 | 4646.00 | 12501.00 | 375 | 720 | | | | | | | | |
| | | | | | RECOVERY | 82 918 | 4810.00 | 12540.00 | 380 | 740 | 20 | 732 | 88 | 343 | -5 | | | |
| 3 | 802 | 163 | 20510 | SA 16851 | RELEASE | 80 916 | 4646.00 | 12501.00 | 375 | 530 | | | | | | | | |
| | | | | | RECOVERY | 82 4 7 | 4646.00 | 12449.00 | 285 | 520 | -10 | 568 | 3 | 90 | 90 | | | |
| 3 | 802 | 163 | 20510 | SA 16854 | RELEASE | 80 916 | 4646.00 | 12501.00 | 375 | 630 | | | | | | | | |
| | | | | | RECOVERY | 82 916 | 3930.00 | 12400.00 | 230 | 670 | 40 | 730 | 438 | 174 | 145 | | | |
| 3 | 802 | 164 | 20510 | SA 16874 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 840 | | | | | | | | |
| | | | | | RECOVERY | 81 222 | 4548.00 | 12449.00 | 450 | 840 | 0 | 165 | 59 | 176 | -150 | | | |
| 3 | 802 | 164 | 20510 | SA 16875 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 550 | | | | | | | | |
| | | | | | RECOVERY | 81 826 | 5902.00 | 14134.00 | 0 | 580 | 30 | 350 | 947 | 327 | | | | |
| 3 | 802 | 164 | 20510 | SA 16883 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 580 | | | | | | | | |
| | | | | | RECOVERY | 82 3 8 | 4557.00 | 12449.00 | 310 | 580 | 0 | 544 | 50 | 175 | -10 | | | |
| 3 | 802 | 164 | 20510 | SA 16884 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 700 | | | | | | | | |
| | | | | | RECOVERY | 81 722 | 4650.00 | 12500.00 | 0 | 0 | | 315 | 5 | 311 | | | | |
| 3 | 802 | 164 | 20510 | SA 16885 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 750 | | | | | | | | |
| | | | | | RECOVERY | 81 521 | 4635.00 | 12440.00 | 350 | 0 | | 253 | 16 | 139 | -50 | | | |
| 3 | 802 | 164 | 20510 | SA 16886 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 640 | | | | | | | | |
| | | | | | RECOVERY | 81 722 | 4700.00 | 12500.00 | 375 | 0 | | 315 | 13 | 345 | -75 | | | |
| 3 | 802 | 164 | 20510 | SA 16891 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 520 | | | | | | | | |
| | | | | | RECOVERY | 82 827 | 4652.00 | 12455.00 | 380 | 0 | | 715 | 5 | 0 | -80 | | | |
| 3 | 802 | 164 | 20510 | SA 16893 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 710 | | | | | | | | |
| | | | | | RECOVERY | 82 913 | 4654.00 | 12500.00 | 225 | 0 | | 733 | 3 | 334 | 75 | | | |

| RELEASE | | | | | DATE | LATITJD | LONGITUD | DE- | | | | | | DPH |
|---------|-----|-----|-------|----------|----------|---------|----------|----------|------|------|------|-------|------|----------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.YM | DDMM.MM | PTH | SIZE | GRJM | DAYS | MILES | DIR | CHVG |
| 3 | 802 | 164 | 20510 | SA 16905 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 720 | | | | |
| | | | | | RECOVERY | 81 529 | 4620.00 | 12440.00 | 0 | 720 | 0 | 261 | 29 | 159 |
| 3 | 802 | 164 | 20510 | SA 16913 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 450 | | | | |
| | | | | | RECOVERY | 81 722 | 4700.00 | 12500.00 | 375 | 470 | 20 | 315 | 13 | 345 -75 |
| 3 | 802 | 164 | 20510 | SA 21143 | RELEASE | 80 910 | 4647.00 | 12455.00 | 300 | 680 | | | | |
| | | | | | RECOVERY | 81 7 0 | 4800.00 | 12500.00 | 0 | 600 | -20 | | 73 | 357 |
| 3 | 802 | 165 | 20510 | SA 16922 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 520 | | | | |
| | | | | | RECOVERY | 82 620 | 4650.00 | 12500.00 | 250 | 520 | 0 | 642 | 11 | 323 -25 |
| 3 | 802 | 165 | 20510 | SA 16925 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 570 | | | | |
| | | | | | RECOVERY | 81 831 | 4634.00 | 12438.00 | 295 | 0 | | 349 | 11 | 130 -70 |
| 3 | 802 | 165 | 20510 | SA 16928 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 490 | | | | |
| | | | | | RECOVERY | 8310 2 | 4618.00 | 12424.00 | 265 | 510 | 20 | 1111 | 29 | 142 -40 |
| 3 | 802 | 165 | 20510 | SA 16931 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 500 | | | | |
| | | | | | RECOVERY | 82 620 | 4650.00 | 12500.00 | 230 | 540 | 40 | 642 | 11 | 323 -5 |
| 3 | 802 | 165 | 20510 | SA 16937 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 500 | | | | |
| | | | | | RECOVERY | 811015 | 4626.00 | 12415.00 | 350 | 510 | 10 | 394 | 28 | 122 -125 |
| 3 | 802 | 165 | 20510 | SA 16945 | RELEASE | 80 916 | 4641.00 | 12450.00 | 225 | 520 | | | | |
| | | | | | RECOVERY | 81 710 | 4700.00 | 12500.00 | 375 | 570 | 50 | 297 | 20 | 340 -150 |
| 3 | 802 | 165 | 20510 | SA 16941 | RELEASE | 80 916 | 4640.00 | 12447.00 | 150 | 730 | | | | |
| | | | | | RECOVERY | 81 728 | 4639.00 | 12443.00 | 200 | 0 | | 315 | 3 | 110 -50 |
| 3 | 802 | 166 | 20510 | SA 16949 | RELEASE | 80 916 | 4640.00 | 12447.00 | 150 | 680 | | | | |
| | | | | | RECOVERY | 81 6 0 | 4650.00 | 12500.00 | 425 | 690 | 10 | | 13 | 318 -275 |
| 3 | 802 | 166 | 20510 | SA 16960 | RELEASE | 80 916 | 4640.00 | 12447.00 | 150 | 660 | | | | |
| | | | | | RECOVERY | 81 925 | 4640.00 | 12449.00 | 225 | 690 | 30 | 374 | 1 | 270 -75 |
| 3 | 802 | 166 | 20510 | SA 16962 | RELEASE | 80 916 | 4640.00 | 12447.00 | 150 | 500 | | | | |
| | | | | | RECOVERY | 82 324 | 5626.00 | 17150.00 | 500 | 550 | 50 | 554 | 1316 | 306 -350 |
| 3 | 802 | 166 | 20510 | SA 16967 | RELEASE | 80 916 | 4640.00 | 12447.00 | 150 | 490 | | | | |
| | | | | | RECOVERY | 801017 | 4635.00 | 12442.00 | 290 | 500 | 10 | 31 | 6 | 145 -140 |
| 3 | 802 | 169 | 20510 | SA 21027 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 770 | | | | |
| | | | | | RECOVERY | 82 916 | 4616.00 | 12432.00 | 350 | 760 | -10 | 729 | 35 | 153 -50 |
| 3 | 802 | 169 | 20510 | SA 21030 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 700 | | | | |
| | | | | | RECOVERY | 81 722 | 4650.00 | 12500.00 | 375 | 700 | 0 | 308 | 5 | 311 -75 |
| 3 | 802 | 169 | 20510 | SA 21031 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 700 | | | | |
| | | | | | RECOVERY | 82 420 | 4557.00 | 12447.00 | 227 | 720 | 20 | 580 | 50 | 174 73 |
| 3 | 802 | 169 | 20510 | SA 21032 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 610 | | | | |
| | | | | | RECOVERY | 83 5 6 | 4612.00 | 12432.00 | 91 | 630 | 20 | 961 | 36 | 155 209 |
| 3 | 802 | 169 | 20510 | SA 21033 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 700 | | | | |
| | | | | | RECOVERY | 82 329 | 4640.00 | 12458.00 | 290 | 790 | 90 | 558 | 7 | 195 20 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|---------|-------|----------|----------|---------|----------|------|------|------|-------|------|------|------|--|--|
| VES | CIS | HAL | SPEC. | TAG NO. | 1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | |
| 3 | 802 | 169 | 20510 | SA | 21041 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 550 | | | | | | | |
| | | | | | | RECOVERY | 83 426 | 4646.00 | 12447.00 | 285 | 560 | 10 | 951 | 6 | 100 | 15 | | |
| 3 | 802 | 169 | 20510 | SA | 21054 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 930 | | | | | | | |
| | | | | | | RECOVERY | 81 222 | 4620.00 | 12440.00 | 0 | 820 | -10 | 158 | 29 | 159 | | | |
| 3 | 802 | 169 | 20510 | SA | 21070 | RELEASE | 80 917 | 4647.00 | 12455.00 | 300 | 700 | | | | | | | |
| | | | | | | RECOVERY | 81 618 | 4620.00 | 12440.00 | 0 | 700 | 0 | 274 | 29 | 159 | | | |
| 3 | 802 | 170 | 20510 | SA | 21081 | RELEASE | 80 917 | 4641.00 | 12450.00 | 225 | 530 | | | | | | | |
| | | | | | | RECOVERY | 82 521 | 4645.00 | 12457.00 | 390 | 630 | 100 | 611 | 6 | 310 | -165 | | |
| 3 | 802 | 170 | 20510 | SA | 21092 | RELEASE | 80 917 | 4641.00 | 12450.00 | 225 | 530 | | | | | | | |
| | | | | | | RECOVERY | 83 1031 | 5703.00 | 17346.00 | 254 | 640 | 110 | 1139 | 1677 | 308 | -29 | | |
| 3 | 802 | 170 | 20510 | SA | 21094 | RELEASE | 80 917 | 4641.00 | 12450.00 | 225 | 490 | | | | | | | |
| | | | | | | RECOVERY | 82 622 | 4650.00 | 12509.00 | 220 | 540 | 50 | 543 | 11 | 323 | 5 | | |
| 3 | 802 | 171 | 20510 | SA | 21112 | RELEASE | 80 917 | 4641.00 | 12447.00 | 150 | 790 | | | | | | | |
| | | | | | | RECOVERY | 82 521 | 4633.00 | 12439.00 | 390 | 800 | 10 | 611 | 10 | 145 | -240 | | |
| 3 | 802 | 171 | 20510 | SA | 21113 | RELEASE | 80 917 | 4641.00 | 12447.00 | 150 | 670 | | | | | | | |
| | | | | | | RECOVERY | 82 9 2 | 4640.00 | 12450.00 | 100 | 0 | | 715 | 2 | 244 | 50 | | |
| 3 | 802 | 171 | 20510 | SA | 21127 | RELEASE | 80 917 | 4641.00 | 12447.00 | 150 | 610 | | | | | | | |
| | | | | | | RECOVERY | 81 9 0 | 4700.00 | 12500.00 | 0 | 670 | 60 | | 21 | 335 | | | |
| 3 | 802 | 171 | 20510 | SA | 21129 | RELEASE | 80 917 | 4641.00 | 12447.00 | 150 | 650 | | | | | | | |
| | | | | | | RECOVERY | 81 613 | 4638.00 | 12443.00 | 300 | 660 | 10 | 269 | 4 | 137 | -150 | | |
| 3 | 802 | 172 | 20510 | SA | 21144 | RELEASE | 80 922 | 4753.00 | 12513.00 | 150 | 760 | | | | | | | |
| | | | | | | RECOVERY | 83 520 | 4813.00 | 12540.00 | 0 | 810 | 50 | 970 | 27 | 318 | | | |
| 3 | 802 | 173 | 20510 | SA | 2512 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 550 | | | | | | | |
| | | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 0 | | 661 | 6 | 230 | -235 | | |
| 3 | 802 | 173 | 20510 | SA | 21148 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 540 | | | | | | | |
| | | | | | | RECOVERY | 81 330 | 4820.00 | 12540.00 | 230 | 560 | 20 | 189 | 33 | 332 | -5 | | |
| 3 | 802 | 173 | 20510 | SA | 21149 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 560 | | | | | | | |
| | | | | | | RECOVERY | 83 620 | 4750.00 | 12520.00 | 255 | 570 | 10 | 1001 | 2 | 244 | -30 | | |
| 3 | 802 | 173 | 20510 | SA | 21150 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 690 | | | | | | | |
| | | | | | | RECOVERY | 83 10 7 | 4700.00 | 12500.00 | 0 | 720 | 30 | 1110 | 52 | 167 | | | |
| 3 | 802 | 173 | 20510 | SA | 21159 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 620 | | | | | | | |
| | | | | | | RECOVERY | 81 4 9 | 4842.00 | 12616.00 | 0 | 0 | | 199 | 64 | 323 | | | |
| 3 | 802 | 173 | 20510 | SA | 21160 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 540 | | | | | | | |
| | | | | | | RECOVERY | 81 911 | 4751.00 | 12513.00 | 228 | 550 | 10 | 354 | 3 | 90 | -3 | | |
| 3 | 802 | 173 | 20510 | SA | 21163 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 580 | | | | | | | |
| | | | | | | RECOVERY | 82 10 7 | 4800.00 | 12520.00 | 350 | 600 | 20 | 745 | 9 | 347 | -125 | | |
| 3 | 802 | 173 | 20510 | SA | 21164 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 550 | | | | | | | |
| | | | | | | RECOVERY | 81 5 1 | 4730.00 | 12500.00 | 120 | 570 | 20 | 221 | 24 | 151 | 105 | | |

| VES | CRS | HAL | SPEC. | TAG NO-1 | RELEASE | DATE | LATITUD | LONGITUD | DE-PTH | SIZE | GROW | DAYS | MILES | DIR | DEPTH |
|-----|-----|-----|-------|----------|----------|--------|---------|----------|--------|------|------|------|-------|-----|-------|
| | | | | | | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHNG |
| 3 | 802 | 173 | 20510 | SA 21171 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 570 | | | | | |
| | | | | | RECOVERY | 81 426 | 5050.00 | 12932.00 | 200 | 570 | 0 | 216 | 245 | 317 | 25 |
| 3 | 802 | 173 | 20510 | SA 21175 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 500 | | | | | |
| | | | | | RECOVERY | 81 228 | 5314.00 | 13302.00 | 325 | 490 | -10 | 159 | 433 | 320 | -100 |
| 3 | 802 | 173 | 20510 | SA 21200 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 540 | | | | | |
| | | | | | RECOVERY | 83 830 | 5623.00 | 17154.00 | 273 | 620 | 30 | 1072 | 1760 | 305 | -48 |
| 3 | 802 | 173 | 20510 | SA 21203 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 620 | | | | | |
| | | | | | RECOVERY | 82 928 | 4650.00 | 12500.00 | 0 | 690 | 70 | 736 | 62 | 169 | |
| 3 | 802 | 173 | 20510 | SA 21205 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 630 | | | | | |
| | | | | | RECOVERY | 81 6 2 | 4820.00 | 12540.00 | 0 | 690 | 60 | 253 | 33 | 332 | |
| 3 | 802 | 173 | 20510 | SA 21211 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 530 | | | | | |
| | | | | | RECOVERY | 82 6 0 | 4631.00 | 12430.00 | 100 | 540 | 10 | | 36 | 158 | 125 |
| 3 | 802 | 173 | 20510 | SA 21212 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 490 | | | | | |
| | | | | | RECOVERY | 83 620 | 4750.00 | 12520.00 | 255 | 520 | 30 | 1001 | 2 | 244 | -30 |
| 3 | 802 | 173 | 20510 | SA 21214 | RELEASE | 80 922 | 4751.00 | 12517.00 | 225 | 520 | | | | | |
| | | | | | RECOVERY | 81 915 | 4751.00 | 12512.00 | 227 | 540 | 20 | 358 | 3 | 90 | -2 |
| 3 | 802 | 174 | 20510 | SA 21219 | RELEASE | 80 922 | 4749.00 | 12515.00 | 300 | 580 | | | | | |
| | | | | | RECOVERY | 81 830 | 4807.00 | 12545.00 | 200 | 0 | | 342 | 27 | 312 | 100 |
| 3 | 802 | 174 | 20510 | SA 21249 | RELEASE | 80 922 | 4749.00 | 12515.00 | 300 | 540 | | | | | |
| | | | | | RECOVERY | 80 927 | 4751.00 | 12514.00 | 225 | 530 | -10 | 5 | 2 | 19 | 75 |
| 3 | 802 | 174 | 20510 | SA 21256 | RELEASE | 80 922 | 4749.00 | 12515.00 | 300 | 530 | | | | | |
| | | | | | RECOVERY | 811119 | 5222.00 | 17016.00 | 143 | 770 | 240 | 423 | 1732 | 296 | 157 |
| 3 | 802 | 174 | 20510 | SA 21261 | RELEASE | 80 922 | 4749.00 | 12515.00 | 300 | 570 | | | | | |
| | | | | | RECOVERY | 82 519 | 4453.00 | 12454.00 | 230 | 610 | 40 | 604 | 177 | 175 | 70 |
| 3 | 802 | 175 | 20510 | SA 21262 | RELEASE | 80 922 | 4748.00 | 12521.00 | 375 | 750 | | | | | |
| | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 0 | | 661 | 2 | 244 | -35 |
| 3 | 802 | 175 | 20510 | SA 21272 | RELEASE | 80 922 | 4748.00 | 12521.00 | 375 | 610 | | | | | |
| | | | | | RECOVERY | 811015 | 5440.00 | 15807.00 | 0 | 580 | -30 | 388 | 1239 | 301 | |
| 3 | 802 | 175 | 20510 | SA 21298 | RELEASE | 80 922 | 4748.00 | 12521.00 | 375 | 630 | | | | | |
| | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 0 | | 661 | 2 | 244 | -65 |
| 3 | 802 | 175 | 20510 | SA 21302 | RELEASE | 80 922 | 4748.00 | 12521.00 | 375 | 500 | | | | | |
| | | | | | RECOVERY | 82 8 9 | 4510.00 | 12540.00 | 350 | 0 | | 686 | 25 | 330 | 25 |
| 3 | 802 | 176 | 20510 | SA 21317 | RELEASE | 80 922 | 4747.00 | 12523.00 | 450 | 500 | | | | | |
| | | | | | RECOVERY | 821015 | 4710.00 | 12510.00 | 365 | 520 | 20 | 753 | 38 | 167 | 35 |
| 3 | 802 | 176 | 20510 | SA 21337 | RELEASE | 80 922 | 4747.00 | 12523.00 | 450 | 520 | | | | | |
| | | | | | RECOVERY | 82 3 1 | 4310.00 | 12540.00 | 350 | 520 | 0 | 678 | 26 | 334 | 100 |
| 3 | 802 | 176 | 20510 | SA 21339 | RELEASE | 80 922 | 4747.00 | 12523.00 | 450 | 560 | | | | | |
| | | | | | RECOVERY | 83 121 | 4750.00 | 12525.00 | 500 | 540 | -20 | 851 | 3 | 336 | -50 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DEPTH |
|---------|-----|-----|-------|----------|----------|----------|---------|----------|------|------|-------|--------|-------------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | |
| 3 | 802 | 176 | 20510 | SA 21355 | RELEASE | 80 922 | 4747.00 | 12523.00 | 450 | 530 | | | |
| | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 0 | 661 | 1 270 | -10 |
| 3 | 802 | 176 | 20510 | SA 21359 | RELEASE | 80 922 | 4747.00 | 12523.00 | 450 | 570 | | | |
| | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 0 | 661 | 1 270 | -10 |
| 3 | 802 | 182 | 20510 | SA 21373 | RELEASE | 80 925 | 4753.00 | 12513.00 | 150 | 600 | | | |
| | | | | | RECOVERY | 82 618 | 4803.00 | 12516.00 | 93 | 690 | 90 | 631 | 10 349 57 |
| 3 | 802 | 182 | 20510 | SA 21383 | RELEASE | 80 925 | 4753.00 | 12513.00 | 150 | 520 | | | |
| | | | | | RECOVERY | 82 2 1 | 4600.00 | 12500.00 | 220 | 560 | 40 | 494 | 113 175 -70 |
| 3 | 802 | 183 | 20510 | SA 21386 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 640 | | | |
| | | | | | RECOVERY | 81 226 | 4320.00 | 12450.00 | 0 | 590 | -60 | 154 | 272 176 |
| 3 | 802 | 183 | 20510 | SA 21390 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 590 | | | |
| | | | | | RECOVERY | 81 320 | 4820.00 | 12540.00 | 300 | 590 | 0 | 176 | 34 329 -75 |
| 3 | 802 | 183 | 20510 | SA 21394 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 550 | | | |
| | | | | | RECOVERY | 81 527 | 4740.00 | 12510.00 | 200 | 0 | 244 | 11 166 | 25 |
| 3 | 802 | 183 | 20510 | SA 21395 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 550 | | | |
| | | | | | RECOVERY | 81 11 5 | 5705.00 | 15120.00 | 0 | 520 | -130 | 406 | 1097 310 |
| 3 | 802 | 183 | 20510 | SA 21398 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 590 | | | |
| | | | | | RECOVERY | 81 5 1 | 4742.00 | 12504.00 | 120 | 530 | -10 | 218 | 11 143 105 |
| 3 | 802 | 183 | 20510 | SA 21402 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 790 | | | |
| | | | | | RECOVERY | 82 7 1 | 4750.00 | 12520.00 | 250 | 460 | -330 | 644 | 4 256 -25 |
| 3 | 802 | 183 | 20510 | SA 21410 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 570 | | | |
| | | | | | RECOVERY | 82 428 | 4810.00 | 12540.00 | 250 | 0 | 580 | 26 318 | -25 |
| 3 | 802 | 183 | 20510 | SA 21417 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 640 | | | |
| | | | | | RECOVERY | 82 5 0 | 4810.00 | 12540.00 | 250 | 630 | -10 | 26 318 | -25 |
| 3 | 802 | 183 | 20510 | SA 21426 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 520 | | | |
| | | | | | RECOVERY | 81 527 | 4740.00 | 12510.00 | 200 | 0 | 244 | 11 166 | 25 |
| 3 | 802 | 183 | 20510 | SA 21427 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 500 | | | |
| | | | | | RECOVERY | 82 614 | 4800.00 | 12520.00 | 220 | 570 | 70 | 627 | 10 336 5 |
| 3 | 802 | 183 | 20510 | SA 21435 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 550 | | | |
| | | | | | RECOVERY | 81 828 | 4810.00 | 12540.00 | 250 | 0 | 337 | 26 318 | -25 |
| 3 | 802 | 183 | 20510 | SA 21446 | RELEASE | 80 925 | 4751.00 | 12514.00 | 225 | 430 | | | |
| | | | | | RECOVERY | 83 130 | 4750.00 | 12520.00 | 500 | 640 | 160 | 357 | 4 256 -275 |
| 3 | 802 | 184 | 20510 | SA 21458 | RELEASE | 80 925 | 4749.00 | 12513.00 | 300 | 630 | | | |
| | | | | | RECOVERY | 81 527 | 4740.00 | 12510.00 | 200 | 0 | 244 | 10 159 | 100 |
| 3 | 802 | 184 | 20510 | SA 21459 | RELEASE | 80 925 | 4749.00 | 12513.00 | 300 | 520 | | | |
| | | | | | RECOVERY | 83 322 | 4810.00 | 12540.00 | 0 | 570 | 50 | 1061 | 27 322 |
| 3 | 802 | 184 | 20510 | SA 21461 | RELEASE | 80 925 | 4749.00 | 12513.00 | 300 | 750 | | | |
| | | | | | RECOVERY | 82 3 1 | 4810.00 | 12540.00 | 350 | 770 | 20 | 675 | 27 322 -50 |

| RELEASE VES CRS HAL SPEC. TAG NO.1 | DATE YYMMDD | LATITUD DDMM.4M | LONGITUD DDMM.MM | DE- PTH | SIZE | GROW | DAYS | MILES | DIR | DPTH CHNG |
|---------------------------------------|---------------------------------------------------|----------------------|---------------------|------------|------|------|------|-------|------|--------------|
| 3 802 184 20510 SA 21467 | RELEASE 80 925 4749.00 RECOVERY 81 720 4800.00 | 12515.00 12500.00 | 300 0 | 550 470 | -30 | 298 | 15 | 42 | | |
| 3 802 184 20510 SA 21470 | RELEASE 80 925 4749.00 RECOVERY 821013 4810.00 | 12515.00 12540.00 | 300 380 | 750 770 | 20 | 748 | 27 | 322 | -80 | |
| 3 802 184 20510 SA 21486 | RELEASE 80 925 4749.00 RECOVERY 83 4 4 4650.00 | 12515.00 12453.00 | 300 275 | 610 630 | 20 | 921 | 51 | 166 | 25 | |
| 3 802 184 20510 SA 21498 | RELEASE 80 925 4749.00 RECOVERY 81 3 0 4800.00 | 12515.00 12500.00 | 300 0 | 580 0 | | | 15 | 42 | | |
| 3 802 184 20510 SA 21504 | RELEASE 80 925 4749.00 RECOVERY 82 723 4810.00 | 12515.00 12540.00 | 300 300 | 490 500 | 10 | 666 | 27 | 322 | 0 | |
| 3 802 184 20510 SA 21509 | RELEASE 80 925 4749.00 RECOVERY 82 521 4812.00 | 12515.00 12602.00 | 300 380 | 530 0 | | 603 | 39 | 306 | -80 | |
| 3 802 186 20510 SA 21601 | RELEASE 80 925 4746.00 RECOVERY 821015 4710.00 | 12522.00 12510.00 | 450 365 | 480 480 | 0 | 750 | 37 | 167 | 85 | |
| 3 802 186 20510 SA 21620 | RELEASE 80 925 4746.00 RECOVERY 83 919 4813.00 | 12522.00 12541.00 | 450 460 | 550 520 | -30 | 1089 | 30 | 335 | -10 | |
| 3 802 186 20510 SA 21651 | RELEASE 80 925 4746.00 RECOVERY 821028 4700.00 | 12522.00 12500.00 | 450 375 | 570 530 | -20 | 763 | 43 | 162 | 75 | |
| 3 802 192 20510 SA 21673 | RELEASE 80 927 4753.00 RECOVERY 81 3 3 4547.00 | 12513.00 12448.00 | 150 310 | 630 630 | 0 | 157 | 127 | 172 | -160 | |
| 3 802 192 20510 SA 21679 | RELEASE 80 927 4753.00 RECOVERY 81 611 5500.00 | 12513.00 13410.00 | 150 100 | 670 0 | | 257 | 543 | 325 | 50 | |
| 3 802 192 20510 SA 21687 | RELEASE 80 927 4753.00 RECOVERY 8111 4 5614.00 | 12513.00 15311.00 | 150 0 | 560 610 | 50 | 403 | 1140 | 307 | | |
| 3 802 192 20510 SA 21688 | RELEASE 80 927 4753.00 RECOVERY 81 5 1 4730.00 | 12513.00 12500.00 | 150 120 | 500 510 | 10 | 216 | 25 | 159 | 30 | |
| 3 802 193 20510 SA 21696 | RELEASE 80 927 4751.00 RECOVERY 83 620 4750.00 | 12514.00 12510.00 | 225 255 | 530 530 | 0 | 996 | 3 | 110 | -30 | |
| 3 802 193 20510 SA 21711 | RELEASE 80 927 4751.00 RECOVERY 81 115 4757.00 | 12514.00 12521.00 | 225 0 | 550 560 | 10 | 110 | 8 | 322 | | |
| 3 802 193 20510 SA 21717 | RELEASE 80 927 4751.00 RECOVERY 81 713 4810.00 | 12514.00 12540.00 | 225 240 | 520 0 | | 289 | 26 | 313 | -15 | |
| 3 802 193 20510 SA 21719 | RELEASE 80 927 4751.00 RECOVERY 81 913 4750.00 | 12514.00 12513.00 | 225 233 | 470 470 | 0 | 351 | 1 | 146 | -8 | |
| 3 802 193 20510 SA 21734 | RELEASE 80 927 4751.00 RECOVERY 82 7 2 4750.00 | 12514.00 12520.00 | 225 300 | 790 430 | -360 | 643 | 4 | 256 | -75 | |
| 3 802 193 20510 SA 21741 | RELEASE 80 927 4751.00 RECOVERY 81 911 4751.00 | 12514.00 12513.00 | 225 228 | 560 550 | -10 | 349 | 1 | 90 | -3 | |

| RELEASE | | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|-----|-------|-----------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHYG |
| 3 | 802 | 193 | 20510 | SA | 21750 | RELEASE 80 927 | 4751.00 | 12514.00 | 225 | 490 | | | | | |
| | | | | | | RECOVERY 82 2 1 | 4700.00 | 12500.00 | 0 | 510 | 20 | 492 | 52 | 169 | |
| 3 | 802 | 194 | 20510 | SA | 21768 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 720 | | | | | |
| | | | | | | RECOVERY 81 521 | 4540.00 | 12550.00 | 325 | | | 236 | 126 | 191 | -25 |
| 3 | 802 | 194 | 20510 | SA | 21773 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 500 | | | | | |
| | | | | | | RECOVERY 801023 | 4820.00 | 12608.00 | 290 | | | 26 | 51 | 316 | 10 |
| 3 | 802 | 194 | 20510 | SA | 21792 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 520 | | | | | |
| | | | | | | RECOVERY 81 5 7 | 4725.00 | 12457.00 | 260 | | | 222 | 23 | 147 | 40 |
| 3 | 802 | 194 | 20510 | SA | 21802 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 560 | | | | | |
| | | | | | | RECOVERY 82 423 | 4517.00 | 12456.00 | 270 | | | 573 | 149 | 175 | 30 |
| 3 | 802 | 194 | 20510 | SA | 21810 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 540 | | | | | |
| | | | | | | RECOVERY 82 624 | 4810.00 | 12458.00 | 0 | 650 | 110 | 635 | 28 | 24 | |
| 3 | 802 | 194 | 20510 | SA | 21826 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 520 | | | | | |
| | | | | | | RECOVERY 81 610 | 5010.00 | 14726.00 | 0 | 350 | -170 | 256 | 1042 | 319 | |
| 3 | 802 | 194 | 20510 | SA | 21844 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 530 | | | | | |
| | | | | | | RECOVERY 83 815 | 4614.00 | 12433.00 | 300 | 640 | 110 | 1052 | 95 | 162 | 0 |
| 3 | 802 | 194 | 20510 | SA | 21860 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 560 | | | | | |
| | | | | | | RECOVERY 82 616 | 4810.00 | 12540.00 | 200 | 560 | 0 | 627 | 31 | 327 | 100 |
| 3 | 802 | 194 | 20510 | SA | 21873 | RELEASE 80 927 | 4744.00 | 12515.00 | 300 | 510 | | | | | |
| | | | | | | RECOVERY 82 730 | 5200.00 | 13025.00 | 0 | 500 | -10 | 671 | 325 | 324 | |
| 3 | 802 | 195 | 20510 | SA | 21881 | RELEASE 80 927 | 4749.00 | 12521.00 | 375 | 530 | | | | | |
| | | | | | | RECOVERY 81 913 | 4749.00 | 12522.00 | 377 | 520 | -10 | 351 | 1 | 270 | -2 |
| 3 | 802 | 195 | 20510 | SA | 21953 | RELEASE 80 927 | 4749.00 | 12521.00 | 375 | 510 | | | | | |
| | | | | | | RECOVERY 8210 7 | 4800.00 | 12520.00 | 350 | 510 | 0 | 740 | 11 | 3 | 25 |
| 3 | 802 | 196 | 20510 | SA | 21959 | RELEASE 80 927 | 4747.00 | 12522.00 | 450 | 540 | | | | | |
| | | | | | | RECOVERY 81 6 5 | 4800.00 | 12520.00 | 410 | 790 | 250 | 251 | 13 | 6 | 40 |
| 3 | 802 | 196 | 20510 | SA | 21960 | RELEASE 80 927 | 4747.00 | 12522.00 | 450 | 690 | | | | | |
| | | | | | | RECOVERY 82 322 | 4700.00 | 12500.00 | 280 | | | 541 | 49 | 162 | 170 |
| 3 | 802 | 196 | 20510 | SA | 21968 | RELEASE 80 927 | 4747.00 | 12522.00 | 450 | 620 | | | | | |
| | | | | | | RECOVERY 82 715 | 4747.00 | 12524.00 | 460 | | | 656 | 1 | 270 | -10 |
| 3 | 802 | 196 | 20510 | SA | 21996 | RELEASE 80 927 | 4747.00 | 12522.00 | 450 | 660 | | | | | |
| | | | | | | RECOVERY 81 321 | 4759.00 | 12541.00 | 350 | 660 | 0 | 175 | 19 | 313 | 100 |
| 3 | 812 | 111 | 20510 | SA | 40543 | RELEASE 81 8 6 | 4329.00 | 12441.00 | 225 | 550 | | | | | |
| | | | | | | RECOVERY 82 111 | 3818.00 | 12330.00 | 250 | 560 | 10 | 158 | 315 | 170 | -25 |
| 3 | 812 | 111 | 20510 | SA | 40547 | RELEASE 81 8 6 | 4329.00 | 12441.00 | 225 | 570 | | | | | |
| | | | | | | RECOVERY 82 513 | 4302.00 | 12451.00 | 165 | 640 | 70 | 280 | 28 | 195 | 60 |
| 3 | 812 | 112 | 20510 | SA | 40572 | RELEASE 81 8 6 | 4329.00 | 12450.00 | 300 | 470 | | | | | |
| | | | | | | RECOVERY 82 828 | 4340.00 | 12450.00 | 360 | | | 387 | 12 | 0 | -50 |

| RELEASE | | | | | DATE | LATITJD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHNG |
| 3 | 812 | 112 | 20510 | SA 40586 | RELEASE 81 3 6 | 4328.00 | 12450.00 | 300 | 510 | | | | | |
| | | | | | RECOVERY 82 323 | 5914.00 | 14654.00 | 333 | 510 | 0 | 382 | 1247 | 327 | -83 |
| 3 | 812 | 114 | 20510 | SA 40623 | RELEASE 81 8 6 | 4329.00 | 12455.00 | 450 | 520 | | | | | |
| | | | | | RECOVERY 8111 9 | 4056.00 | 12437.00 | 350 | 540 | 20 | 95 | 154 | 175 | 100 |
| 3 | 812 | 121 | 20510 | SA 40647 | RELEASE 81 910 | 4329.00 | 12441.00 | 225 | 530 | | | | | |
| | | | | | RECOVERY 82 418 | 4320.00 | 12446.00 | 180 | 590 | 10 | 251 | 10 | 202 | 45 |
| 3 | 812 | 121 | 20510 | SA 40659 | RELEASE 81 910 | 4329.00 | 12441.00 | 225 | 570 | | | | | |
| | | | | | RECOVERY 82 6 0 | 4240.00 | 12450.00 | 0 | 0 | | | 49 | 189 | |
| 3 | 812 | 121 | 20510 | SA 40680 | RELEASE 81 910 | 4329.00 | 12441.00 | 225 | 520 | | | | | |
| | | | | | RECOVERY 82 828 | 4340.00 | 12450.00 | 360 | 0 | | 383 | 13 | 329 | -135 |
| 3 | 812 | 121 | 20510 | SA 40681 | RELEASE 81 910 | 4329.00 | 12441.00 | 225 | 560 | | | | | |
| | | | | | RECOVERY 83 412 | 5640.00 | 13600.00 | 438 | 0 | | 610 | 902 | 335 | -213 |
| 3 | 812 | 121 | 20510 | SA 40695 | RELEASE 81 810 | 4329.00 | 12441.00 | 225 | 520 | | | | | |
| | | | | | RECOVERY 81 9 9 | 4320.00 | 12450.00 | 0 | 520 | 0 | 30 | 11 | 216 | |
| 3 | 812 | 131 | 20510 | SA 40783 | RELEASE 81 812 | 4329.00 | 12441.00 | 225 | 580 | | | | | |
| | | | | | RECOVERY 83 8 1 | 4230.00 | 12440.00 | 300 | 0 | | 719 | 59 | 179 | -75 |
| 3 | 812 | 131 | 20510 | SA 40784 | RELEASE 81 812 | 4329.00 | 12441.00 | 225 | 560 | | | | | |
| | | | | | RECOVERY 83 2 3 | 4550.00 | 12443.00 | 300 | 0 | | 540 | 141 | 358 | -75 |
| 3 | 812 | 131 | 20510 | SA 40787 | RELEASE 81 812 | 4329.00 | 12441.00 | 225 | 520 | | | | | |
| | | | | | RECOVERY 82 710 | 4344.00 | 12433.00 | 100 | 590 | 70 | 332 | 16 | 21 | 125 |
| 3 | 812 | 131 | 20510 | SA 40804 | RELEASE 81 912 | 4329.00 | 12441.00 | 225 | 530 | | | | | |
| | | | | | RECOVERY 82 6 0 | 4240.00 | 12450.00 | 0 | 0 | | | 49 | 188 | |
| 3 | 812 | 132 | 20510 | SA 40828 | RELEASE 81 812 | 4328.00 | 12451.00 | 300 | 550 | | | | | |
| | | | | | RECOVERY 82 6 3 | 4050.00 | 12440.00 | 0 | 550 | 0 | 295 | 158 | 177 | |
| 3 | 812 | 136 | 20510 | SA 40867 | RELEASE 81 816 | 4521.00 | 12448.00 | 375 | 500 | | | | | |
| | | | | | RECOVERY 82 6 3 | 4610.00 | 12540.00 | 250 | 0 | | 291 | 173 | 348 | 125 |
| 3 | 812 | 136 | 20510 | SA 40873 | RELEASE 81 816 | 4521.00 | 12448.00 | 375 | 600 | | | | | |
| | | | | | RECOVERY 83 5 5 | 4503.00 | 12449.00 | 350 | 610 | 10 | 627 | 18 | 182 | 25 |
| 3 | 812 | 137 | 20510 | SA 40902 | RELEASE 81 816 | 4521.00 | 12446.00 | 300 | 590 | | | | | |
| | | | | | RECOVERY 83 930 | 4531.00 | 12438.00 | 250 | 690 | 100 | 744 | 11 | 29 | 50 |
| 3 | 812 | 138 | 20510 | SA 40936 | RELEASE 81 816 | 4519.00 | 12433.00 | 225 | 770 | | | | | |
| | | | | | RECOVERY 8210 1 | 4517.00 | 12433.00 | 240 | 840 | 70 | 411 | 2 | 190 | -15 |
| 3 | 812 | 138 | 20510 | SA 40945 | RELEASE 81 816 | 4519.00 | 12433.00 | 225 | 620 | | | | | |
| | | | | | RECOVERY 82 617 | 4514.00 | 12422.00 | 200 | 690 | 70 | 305 | 9 | 123 | 25 |
| 3 | 812 | 138 | 20510 | SA 40948 | RELEASE 81 816 | 4519.00 | 12433.00 | 225 | 540 | | | | | |
| | | | | | RECOVERY 82 629 | 4514.00 | 12425.00 | 200 | 580 | 40 | 317 | 8 | 131 | 25 |
| 3 | 812 | 138 | 20510 | SA 40953 | RELEASE 81 816 | 4519.00 | 12433.00 | 225 | 590 | | | | | |
| | | | | | RECOVERY 82 618 | 4507.00 | 12427.00 | 200 | 580 | -10 | 306 | 13 | 161 | 25 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|------------------|----------|----------|------|------|------|-------|--------|------|
| VES | CRS | HAL | SPEC. | TAG NO. | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 3 | 812 | 139 | 20510 | SA 40961 | RELEASE 81 816 | 4520.00 | 12422.00 | 150 | 670 | | | | |
| | | | | | RECOVERY 82 5 1 | 4506.00 | 12428.00 | 160 | 700 | 30 | 258 | 15 197 | -10 |
| 3 | 812 | 143 | 20510 | SA 41061 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 800 | | | | |
| | | | | | RECOVERY 82 6 27 | 4520.00 | 12426.00 | 212 | 0 | | 313 | 5 47 | 13 |
| 3 | 812 | 148 | 20510 | SA 41063 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 510 | | | | |
| | | | | | RECOVERY 82 6 1 | 4510.00 | 12437.00 | 123 | 520 | 10 | 287 | 54 356 | 102 |
| 3 | 812 | 148 | 20510 | SA 41072 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 530 | | | | |
| | | | | | RECOVERY 82 7 14 | 4510.00 | 12430.00 | 205 | 560 | -20 | 330 | 6 167 | 20 |
| 3 | 812 | 148 | 20510 | SA 41079 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 620 | | | | |
| | | | | | RECOVERY 82 6 8 | 4505.00 | 12426.00 | 180 | 640 | 20 | 294 | 12 159 | 45 |
| 3 | 812 | 148 | 20510 | SA 41090 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 500 | | | | |
| | | | | | RECOVERY 83 5 5 | 4503.00 | 12449.00 | 350 | 570 | 70 | 625 | 13 223 | -125 |
| 3 | 812 | 148 | 20510 | SA 41096 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 590 | | | | |
| | | | | | RECOVERY 82 7 21 | 4442.00 | 12407.00 | 17 | 0 | | 337 | 38 152 | 208 |
| 3 | 812 | 148 | 20510 | SA 41099 | RELEASE 81 818 | 4516.00 | 12432.00 | 225 | 610 | | | | |
| | | | | | RECOVERY 82 8 3 | 4515.00 | 12430.00 | 245 | 620 | 10 | 350 | 2 125 | -20 |
| 3 | 812 | 149 | 20510 | SA 41105 | RELEASE 81 818 | 4519.00 | 12422.00 | 150 | 700 | | | | |
| | | | | | RECOVERY 82 8 27 | 4530.00 | 12424.00 | 98 | 750 | 60 | 374 | 11 353 | 52 |
| 3 | 812 | 149 | 20510 | SA 41125 | RELEASE 81 818 | 4519.00 | 12422.00 | 150 | 560 | | | | |
| | | | | | RECOVERY 82 7 10 | 4516.00 | 12426.00 | 215 | 740 | 180 | 326 | 4 223 | -65 |
| 3 | 812 | 149 | 20510 | SA 41131 | RELEASE 81 818 | 4519.00 | 12422.00 | 150 | 510 | | | | |
| | | | | | RECOVERY 82 5 31 | 4445.00 | 12422.00 | 55 | 520 | 10 | 286 | 34 180 | 75 |
| 3 | 812 | 149 | 20510 | SA 41134 | RELEASE 81 818 | 4519.00 | 12422.00 | 150 | 780 | | | | |
| | | | | | RECOVERY 82 5 29 | 4520.00 | 12440.00 | 195 | 760 | -20 | 294 | 13 275 | -45 |
| 3 | 812 | 149 | 20510 | SA 41141 | RELEASE 81 818 | 4519.00 | 12422.00 | 150 | 530 | | | | |
| | | | | | RECOVERY 82 6 27 | 4520.00 | 12426.00 | 212 | 620 | 90 | 313 | 3 290 | -62 |
| 3 | 812 | 156 | 20510 | SA 41178 | RELEASE 81 820 | 4519.00 | 12448.00 | 375 | 780 | | | | |
| | | | | | RECOVERY 83 5 9 | 4530.00 | 12440.00 | 300 | 0 | | 627 | 12 27 | 75 |
| 3 | 812 | 157 | 20510 | SA 41187 | RELEASE 81 811 | 4521.00 | 12446.00 | 300 | 520 | | | | |
| | | | | | RECOVERY 82 8 27 | 4653.00 | 12501.00 | 350 | 0 | | 442 | 93 354 | -50 |
| 3 | 812 | 153 | 20510 | SA 41236 | RELEASE 81 820 | 4517.00 | 12432.00 | 225 | 770 | | | | |
| | | | | | RECOVERY 82 2 10 | 4515.00 | 12421.00 | 138 | 0 | | 174 | 3 104 | 87 |
| 3 | 812 | 153 | 20510 | SA 41259 | RELEASE 81 820 | 4517.00 | 12432.00 | 225 | 480 | | | | |
| | | | | | RECOVERY 82 5 18 | 4520.00 | 12424.00 | 371 | 0 | | 271 | 6 62 | -146 |
| 3 | 812 | 152 | 20510 | SA 41266 | RELEASE 81 820 | 4519.00 | 12422.00 | 150 | 490 | | | | |
| | | | | | RECOVERY 82 2 6 | 4440.00 | 12450.00 | 0 | 550 | 50 | 170 | 44 207 | |
| 3 | 812 | 159 | 20510 | SA 41270 | RELEASE 81 820 | 4519.00 | 12422.00 | 150 | 750 | | | | |
| | | | | | RECOVERY 82 8 15 | 4510.00 | 12437.00 | 220 | 860 | 110 | 350 | 14 230 | -70 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | DPH |
|---------|-----|-----|-------|----------|-----------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG |
| 3 | 812 | 159 | 20510 | SA 41282 | RELEASE 81 820 | 4519.00 | 12422.00 | 150 | 560 | | | | | |
| | | | | | RECOVERY 82 4 6 | 4530.00 | 12440.00 | 0 | 560 | 0 | 229 | 17 | 311 | |
| 3 | 812 | 159 | 20510 | SA 41292 | RELEASE 81 820 | 4519.00 | 12422.00 | 150 | 520 | | | | | |
| | | | | | RECOVERY 82 510 | 4530.00 | 12438.00 | 250 | 0 | | 253 | 16 | 314 | -100 |
| 3 | 812 | 161 | 20510 | SA 41300 | RELEASE 81 822 | 4536.00 | 12439.00 | 225 | 610 | | | | | |
| | | | | | RECOVERY 82 9 4 | 4621.00 | 12437.00 | 240 | 0 | | 378 | 45 | 2 | -15 |
| 3 | 812 | 165 | 20510 | SA 41333 | RELEASE 81 823 | 4536.00 | 12439.00 | 225 | 590 | | | | | |
| | | | | | RECOVERY 8311 1 | 4615.00 | 12430.00 | 300 | 650 | 60 | 800 | 40 | 9 | -75 |
| 3 | 812 | 165 | 20510 | SA 41341 | RELEASE 81 823 | 4536.00 | 12439.00 | 225 | 760 | | | | | |
| | | | | | RECOVERY 83 627 | 4538.00 | 12443.00 | 250 | 710 | -50 | 673 | 3 | 305 | -25 |
| 3 | 812 | 165 | 20510 | SA 41344 | RELEASE 81 823 | 4536.00 | 12439.00 | 225 | 560 | | | | | |
| | | | | | RECOVERY 83 830 | 4531.00 | 12438.00 | 250 | 660 | 100 | 737 | 5 | 172 | -25 |
| 3 | 812 | 165 | 20510 | SA 41349 | RELEASE 81 823 | 4536.00 | 12439.00 | 225 | 550 | | | | | |
| | | | | | RECOVERY 82 915 | 4558.00 | 12435.00 | 0 | 0 | | 336 | 22 | 7 | |
| 3 | 812 | 167 | 20510 | SA 41372 | RELEASE 81 911 | 4747.00 | 12523.00 | 438 | 530 | | | | | |
| | | | | | RECOVERY 82 5 0 | 4810.00 | 12540.00 | 250 | 530 | 0 | | 26 | 334 | 188 |
| 3 | 812 | 167 | 20510 | SA 41376 | RELEASE 81 911 | 4747.00 | 12523.00 | 438 | 580 | | | | | |
| | | | | | RECOVERY 8210 5 | 4817.00 | 12605.00 | 390 | 580 | 0 | 389 | 41 | 317 | 58 |
| 3 | 812 | 168 | 20510 | SA 41447 | RELEASE 81 911 | 4749.00 | 12522.00 | 369 | 720 | | | | | |
| | | | | | RECOVERY 82 621 | 5109.00 | 13010.00 | 613 | 750 | 30 | 283 | 274 | 319 | -244 |
| 3 | 812 | 168 | 20510 | SA 41458 | RELEASE 81 911 | 4749.00 | 12522.00 | 369 | 560 | | | | | |
| | | | | | RECOVERY 83 130 | 4750.00 | 12520.00 | 500 | 610 | 50 | 506 | 2 | 53 | -131 |
| 3 | 812 | 169 | 20510 | SA 41481 | RELEASE 81 911 | 4749.00 | 12515.00 | 316 | 540 | | | | | |
| | | | | | RECOVERY 83 822 | 4610.00 | 12540.00 | 0 | 510 | -30 | 710 | 27 | 322 | |
| 3 | 812 | 170 | 20510 | SA 41495 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 550 | | | | | |
| | | | | | RECOVERY 82 7 2 | 4750.00 | 12520.00 | 300 | 430 | -120 | 294 | 5 | 258 | -72 |
| 3 | 812 | 170 | 20510 | SA 41497 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 550 | | | | | |
| | | | | | RECOVERY 82 429 | 4739.00 | 12505.00 | 210 | 550 | 0 | 230 | 13 | 156 | 19 |
| 3 | 812 | 170 | 20510 | SA 41498 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 590 | | | | | |
| | | | | | RECOVERY 83 913 | 4800.00 | 12530.00 | 265 | 590 | 0 | 732 | 15 | 308 | -37 |
| 3 | 812 | 170 | 20510 | SA 41499 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 530 | | | | | |
| | | | | | RECOVERY 8211 3 | 5233.00 | 16923.00 | 355 | 530 | 0 | 418 | 1698 | 296 | -127 |
| 3 | 812 | 170 | 20510 | SA 41503 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 510 | | | | | |
| | | | | | RECOVERY 821015 | 4710.00 | 12510.00 | 365 | 510 | 0 | 399 | 41 | 177 | -137 |
| 3 | 812 | 170 | 20510 | SA 41512 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 520 | | | | | |
| | | | | | RECOVERY 82 228 | 4824.00 | 12554.00 | 350 | 500 | -20 | 170 | 43 | 320 | -122 |
| 3 | 812 | 170 | 20510 | SA 41531 | RELEASE 81 911 | 4751.00 | 12513.00 | 228 | 570 | | | | | |
| | | | | | RECOVERY 82 7 2 | 4750.00 | 12520.00 | 300 | 430 | -140 | 294 | 5 | 258 | -72 |

| VES | CRS | HAL | SPEC. | TAG NO.1 | RELEASE | DATE | LATITUD | LONGITUD | DE- | PTH | SIZE | GROW | DAYS | FILES | DIR | CHNG | DPFH |
|-----|-----|-----|-------|----------|----------|--------|---------|----------|-----|------|------|------|------|-------|-----|------|------|
| | | | | | | YYMMDD | DDMM.YM | DDMM.YM | | | | | | | | | |
| 3 | 812 | 177 | 20510 | SA 41624 | RELEASE | 81 914 | 4747.00 | 12526.00 | 456 | 550 | | | | | | | |
| | | | | | RECOVERY | 82 715 | 4747.00 | 12524.00 | 460 | 1 | | | 304 | 1 | 90 | -4 | |
| 3 | 812 | 173 | 20510 | SA 41643 | RELEASE | 81 914 | 4749.00 | 12522.00 | 330 | 530 | | | | | | | |
| | | | | | RECOVERY | 82 716 | 4815.00 | 12525.00 | 360 | 520 | -10 | | 305 | 26 | 356 | 20 | |
| 3 | 812 | 178 | 20510 | SA 41644 | RELEASE | 81 914 | 4749.00 | 12522.00 | 380 | 660 | | | | | | | |
| | | | | | RECOVERY | 83 9 6 | 4810.00 | 12540.00 | 0 | 690 | 30 | | 722 | 24 | 330 | | |
| 3 | 812 | 179 | 20510 | SA 41685 | RELEASE | 81 914 | 4749.00 | 12514.00 | 309 | 590 | | | | | | | |
| | | | | | RECOVERY | 82 5 5 | 4809.00 | 12500.00 | 0 | 610 | 20 | | 233 | 14 | 40 | | |
| 3 | 812 | 180 | 20510 | SA 41700 | RELEASE | 81 914 | 4750.00 | 12513.00 | 229 | 560 | | | | | | | |
| | | | | | RECOVERY | 82 123 | 5036.00 | 12849.00 | 305 | 560 | 0 | | 131 | 218 | 321 | -76 | |
| 3 | 812 | 180 | 20510 | SA 41716 | RELEASE | 81 914 | 4750.00 | 12513.00 | 229 | 490 | | | | | | | |
| | | | | | RECOVERY | 82 830 | 4810.00 | 12540.00 | 350 | 460 | -10 | | 350 | 27 | 318 | -121 | |
| 3 | 812 | 180 | 20510 | SA 41717 | RELEASE | 81 914 | 4750.00 | 12513.00 | 229 | 500 | | | | | | | |
| | | | | | RECOVERY | 82 2 1 | 4700.00 | 12500.00 | 0 | 510 | 10 | | 140 | 51 | 170 | | |
| 3 | 812 | 187 | 20510 | SA 41758 | RELEASE | 81 916 | 4747.00 | 12522.00 | 458 | 550 | | | | | | | |
| | | | | | RECOVERY | 83 8 5 | 4810.00 | 12540.00 | 0 | 570 | 20 | | 683 | 26 | 332 | | |
| 3 | 812 | 187 | 20510 | SA 41801 | RELEASE | 81 916 | 4747.00 | 12522.00 | 458 | 470 | | | | | | | |
| | | | | | RECOVERY | 821022 | 4817.00 | 12605.00 | 375 | 480 | 10 | | 401 | 42 | 316 | 93 | |
| 3 | 812 | 189 | 20510 | SA 41840 | RELEASE | 81 916 | 4749.00 | 12514.00 | 308 | 580 | | | | | | | |
| | | | | | RECOVERY | 82 830 | 4611.00 | 12423.00 | 56 | 590 | 10 | | 348 | 104 | 160 | 242 | |
| 3 | 812 | 190 | 20510 | SA 41870 | RELEASE | 81 916 | 4751.00 | 12513.00 | 220 | 600 | | | | | | | |
| | | | | | RECOVERY | 82 8 9 | 4810.00 | 12540.00 | 350 | 0 | | | 327 | 26 | 317 | -130 | |
| 3 | 812 | 192 | 20510 | SA 41902 | RELEASE | 81 919 | 4640.00 | 12447.00 | 159 | 740 | | | | | | | |
| | | | | | RECOVERY | 82 914 | 4620.00 | 12440.00 | 0 | 0 | | | 360 | 21 | 165 | | |
| 3 | 812 | 192 | 20510 | SA 41911 | RELEASE | 81 919 | 4640.00 | 12447.00 | 159 | 610 | | | | | | | |
| | | | | | RECOVERY | 82 916 | 4616.00 | 12432.00 | 350 | 1040 | 430 | | 362 | 26 | 157 | -121 | |
| 3 | 812 | 193 | 20510 | SA 41926 | RELEASE | 81 919 | 4640.00 | 12449.00 | 229 | 750 | | | | | | | |
| | | | | | RECOVERY | 83 9 8 | 4639.00 | 12446.00 | 200 | 1170 | 420 | | 719 | 2 | 115 | 39 | |
| 3 | 812 | 193 | 20510 | SA 41950 | RELEASE | 81 919 | 4640.00 | 12449.00 | 229 | 740 | | | | | | | |
| | | | | | RECOVERY | 82 3 0 | 4450.00 | 12444.00 | 200 | 0 | | | | 110 | 178 | 39 | |
| 3 | 812 | 193 | 20510 | SA 41953 | RELEASE | 81 919 | 4640.00 | 12449.00 | 229 | 630 | | | | | | | |
| | | | | | RECOVERY | 83 423 | 4550.00 | 12443.00 | 0 | 660 | 0 | | 581 | 50 | 175 | | |
| 3 | 812 | 193 | 20510 | SA 41987 | RELEASE | 81 919 | 4640.00 | 12449.00 | 229 | 500 | | | | | | | |
| | | | | | RECOVERY | 82 1 8 | 4620.00 | 12440.00 | 0 | 530 | 30 | | 111 | 21 | 163 | | |
| 3 | 812 | 193 | 20510 | SA 41995 | RELEASE | 81 919 | 4640.00 | 12449.00 | 229 | 540 | | | | | | | |
| | | | | | RECOVERY | 82 7 2 | 4646.00 | 12454.00 | 195 | 530 | -10 | | 206 | 7 | 330 | 34 | |
| 3 | 812 | 194 | 20510 | SA 42008 | RELEASE | 81 919 | 4646.00 | 12451.00 | 295 | 670 | | | | | | | |
| | | | | | RECOVERY | 821019 | 4650.00 | 12500.00 | 200 | 710 | 40 | | 395 | 7 | 303 | 95 | |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|-----------|-------------------|----------|----------|------|------|------|-------|----------|------|
| VES | CRS | HAL | SPEC. | TAG NO.-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 3 | 812 | 194 | 20510 | SA 42024 | RELEASE 81 919 | 4646.00 | 12451.00 | 295 | 530 | | | | |
| | | | | | RECOVERY 82 317 | 4623.00 | 12436.00 | 338 | 520 | -10 | 179 | 25 156 | -43 |
| 3 | 812 | 194 | 20510 | SA 42026 | RELEASE 81 919 | 4646.00 | 12451.00 | 295 | 520 | | | | |
| | | | | | RECOVERY 82 1211 | 4637.00 | 12441.00 | 255 | 540 | 20 | 448 | 11 143 | 40 |
| 3 | 812 | 202 | 20510 | SA 42107 | RELEASE 81 924 | 4640.00 | 12446.00 | 151 | 630 | | | | |
| | | | | | RECOVERY 81 1026 | 4630.00 | 12432.00 | 150 | 710 | 30 | 32 | 14 136 | 1 |
| 3 | 812 | 203 | 20510 | SA 42112 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 720 | | | | |
| | | | | | RECOVERY 83 10 3 | 4612.00 | 12440.00 | 200 | 750 | 30 | 739 | 29 169 | 25 |
| 3 | 812 | 203 | 20510 | SA 42114 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 560 | | | | |
| | | | | | RECOVERY 82 220 | 4557.00 | 12440.00 | 210 | 0 | | 149 | 43 173 | 15 |
| 3 | 812 | 203 | 20510 | SA 42116 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 520 | | | | |
| | | | | | RECOVERY 83 1028 | 4615.00 | 12430.00 | 300 | 0 | | 764 | 29 153 | -75 |
| 3 | 812 | 203 | 20510 | SA 42117 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 530 | | | | |
| | | | | | RECOVERY 83 12 7 | 4652.00 | 12500.00 | 310 | 540 | 10 | 804 | 15 326 | -85 |
| 3 | 812 | 203 | 20510 | SA 42132 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 610 | | | | |
| | | | | | RECOVERY 82 8 9 | 4632.00 | 12438.00 | 250 | 510 | 0 | 319 | 11 139 | -25 |
| 3 | 812 | 203 | 20510 | SA 42133 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 500 | | | | |
| | | | | | RECOVERY 82 918 | 5419.00 | 15952.00 | 246 | 510 | 10 | 359 | 1403 302 | -21 |
| 3 | 812 | 203 | 20510 | SA 42156 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 600 | | | | |
| | | | | | RECOVERY 82 4 0 | 4440.00 | 12450.00 | 250 | 0 | | | 120 181 | -25 |
| 3 | 812 | 203 | 20510 | SA 42165 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 550 | | | | |
| | | | | | RECOVERY 82 221 | 4557.00 | 12440.00 | 210 | 0 | | 150 | 43 173 | 15 |
| 3 | 812 | 203 | 20510 | SA 42189 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 500 | | | | |
| | | | | | RECOVERY 82 5 3 | 4600.00 | 12500.00 | 0 | 510 | 10 | 221 | 41 192 | |
| 3 | 812 | 203 | 20510 | SA 42200 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 460 | | | | |
| | | | | | RECOVERY 82 1 8 | 4620.00 | 12440.00 | 0 | 500 | 40 | 106 | 21 165 | |
| 3 | 812 | 203 | 20510 | SA 42210 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 520 | | | | |
| | | | | | RECOVERY 82 7 15 | 4625.00 | 12434.00 | 85 | 0 | | 294 | 19 147 | 140 |
| 3 | 812 | 203 | 20510 | SA 42217 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 500 | | | | |
| | | | | | RECOVERY 83 925 | 4606.00 | 12441.00 | 260 | 510 | 10 | 700 | 32 171 | -35 |
| 3 | 812 | 203 | 20510 | SA 42243 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 470 | | | | |
| | | | | | RECOVERY 83 414 | 4700.00 | 12500.00 | 350 | 470 | 0 | 567 | 22 333 | -125 |
| 3 | 812 | 203 | 20510 | SA 42251 | RELEASE 81 924 | 4640.00 | 12448.00 | 225 | 560 | | | | |
| | | | | | RECOVERY 82 825 | 4651.00 | 12504.00 | 330 | 0 | | 335 | 16 315 | -135 |
| 3 | 812 | 204 | 20510 | SA 42240 | RELEASE 81 924 | 4645.00 | 12454.00 | 302 | 600 | | | | |
| | | | | | RECOVERY 83 12 7 | 4647.00 | 12456.00 | 305 | 610 | 10 | 304 | 2 306 | -3 |
| 3 | 812 | 204 | 20510 | SA 42254 | RELEASE 81 924 | 4645.00 | 12454.00 | 302 | 520 | | | | |
| | | | | | RECOVERY 82 10 15 | 4710.00 | 12510.00 | 365 | 530 | 10 | 386 | 25 336 | -53 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW. | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|---------|----------|-----|------|-------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHNG |
| 3 | 812 | 204 | 20510 | SA 42256 | RELEASE 81 924 | 4646.00 | 12454.00 | 302 | 530 | | | | | |
| | | | | | RECOVERY 83 628 | 5000.00 | 12800.00 | 0 | 520 | -10 | 642 | 230 | 329 | |
| 3 | 812 | 212 | 20510 | SA 42315 | RELEASE 81 926 | 4640.00 | 12447.00 | 159 | 720 | | | | | |
| | | | | | RECOVERY 83 927 | 4650.00 | 12500.00 | 0 | 800 | 80 | 731 | 13 | 318 | |
| 3 | 812 | 213 | 20510 | SA 42332 | RELEASE 81 926 | 4639.00 | 12448.00 | 224 | 540 | | | | | |
| | | | | | RECOVERY 83 3 5 | 4810.00 | 12540.00 | 0 | 430 | -60 | 678 | 23 | 339 | |
| 3 | 812 | 213 | 20510 | SA 42335 | RELEASE 81 926 | 4639.00 | 12448.00 | 224 | 660 | | | | | |
| | | | | | RECOVERY 82 520 | 4650.00 | 12500.00 | 220 | 570 | -90 | 267 | 14 | 323 | 4 |
| 3 | 812 | 213 | 20510 | SA 42377 | RELEASE 81 926 | 4639.00 | 12448.00 | 224 | 540 | | | | | |
| | | | | | RECOVERY 83 317 | 4801.00 | 12457.00 | 450 | 560 | 20 | 690 | 82 | 356 | -226 |
| 3 | 812 | 213 | 20510 | SA 42378 | RELEASE 81 926 | 4639.00 | 12448.00 | 224 | 490 | | | | | |
| | | | | | RECOVERY 82 3 6 | 4644.00 | 12455.00 | 375 | 490 | 0 | 161 | 7 | 316 | -151 |
| 3 | 812 | 214 | 20510 | SA 42418 | RELEASE 81 926 | 4645.00 | 12454.00 | 306 | 580 | | | | | |
| | | | | | RECOVERY 82 415 | 4650.00 | 12500.00 | 375 | 580 | 0 | 201 | 6 | 321 | -59 |
| 3 | 812 | 215 | 20510 | SA 42449 | RELEASE 81 928 | 4645.00 | 12459.00 | 374 | 620 | | | | | |
| | | | | | RECOVERY 811015 | 4626.00 | 12414.00 | 350 | 620 | 0 | 17 | 37 | 123 | 24 |
| 3 | 813 | 1 | 20510 | SA 42579 | RELEASE 811113 | 3237.00 | 11932.00 | 350 | 570 | | | | | |
| | | | | | RECOVERY 821031 | 3237.00 | 11932.00 | 351 | 570 | 0 | 352 | 0 | 0 | -1 |
| 3 | 813 | 2 | 20510 | SA 42616 | RELEASE 811113 | 3243.00 | 11936.00 | 225 | 510 | | | | | |
| | | | | | RECOVERY 821028 | 3243.00 | 11936.00 | 214 | 510 | 0 | 349 | 0 | 0 | 11 |
| 3 | 813 | 2 | 20510 | SA 42667 | RELEASE 811113 | 3243.00 | 11936.00 | 225 | 530 | | | | | |
| | | | | | RECOVERY 821028 | 3243.00 | 11936.00 | 214 | 530 | 0 | 349 | 0 | 0 | 11 |
| 3 | 813 | 2 | 20510 | SA 42676 | RELEASE 811113 | 3243.00 | 11936.00 | 225 | 540 | | | | | |
| | | | | | RECOVERY 821028 | 3243.00 | 11936.00 | 214 | 560 | 20 | 349 | 0 | 0 | 11 |
| 3 | 813 | 2 | 20510 | SA 42677 | RELEASE 811113 | 3243.00 | 11936.00 | 225 | 500 | | | | | |
| | | | | | RECOVERY 821028 | 3243.00 | 11936.00 | 214 | 530 | 30 | 349 | 0 | 0 | 11 |
| 3 | 813 | 3 | 20510 | SA 42691 | RELEASE 811113 | 3244.00 | 11939.00 | 300 | 400 | | | | | |
| | | | | | RECOVERY 83 6 2 | 3308.00 | 11944.00 | 400 | 0 | | 566 | 24 | 350 | -100 |
| 3 | 813 | 3 | 20510 | SA 42694 | RELEASE 811113 | 3244.00 | 11939.00 | 300 | 680 | | | | | |
| | | | | | RECOVERY 821030 | 3243.00 | 11938.00 | 322 | 690 | 10 | 351 | 1 | 140 | -22 |
| 3 | 813 | 3 | 20510 | SA 42719 | RELEASE 811113 | 3244.00 | 11939.00 | 300 | 480 | | | | | |
| | | | | | RECOVERY 821027 | 3244.00 | 11938.00 | 319 | 490 | 10 | 348 | 1 | 90 | -19 |
| 3 | 813 | 3 | 20510 | SA 42729 | RELEASE 811113 | 3244.00 | 11939.00 | 300 | 480 | | | | | |
| | | | | | RECOVERY 821030 | 3244.00 | 11938.00 | 322 | 480 | 0 | 351 | 1 | 90 | -22 |
| 3 | 813 | 5 | 20510 | SA 42870 | RELEASE 811113 | 3243.00 | 11942.00 | 550 | 480 | | | | | |
| | | | | | RECOVERY 821030 | 3242.00 | 11942.00 | 555 | 430 | 0 | 351 | 1 | 130 | -5 |
| 3 | 813 | 12 | 20510 | SA 42973 | RELEASE 811120 | 3243.00 | 11936.00 | 225 | 590 | | | | | |
| | | | | | RECOVERY 831015 | 4643.00 | 12454.00 | 195 | 790 | 200 | 694 | 374 | 345 | 30 |

| RELEASE | | | | DATE | LATITUDE | LONGITUDE | DEPTH | SIZE | GROW | DAYS | MILES | DIR | DPTH |
|---------|-----|-----|-------|----------|----------|-----------|---------|----------|------|------|-------|-----|-------------|
| VES | CRS | HAL | SPEC. | TAG NO. | YYMMDD | DDMM.YM | DDMM.MM | PTH | | | | | CHNG |
| 3 | 913 | 13 | 20510 | SA 43101 | RELEASE | 811120 | 3244.00 | 11939.00 | 300 | 620 | | | |
| | | | | | RECOVERY | 831021 | 4038.00 | 12535.00 | 250 | 630 | 10 | 700 | 553 331 50 |
| 3 | 813 | 13 | 20510 | SA 43111 | RELEASE | 811120 | 3244.00 | 11939.00 | 300 | 500 | | | |
| | | | | | RECOVERY | 821027 | 3244.00 | 11938.00 | 319 | 530 | 30 | 341 | 1 90 -19 |
| 3 | 813 | 21 | 20510 | SA 43195 | RELEASE | 811122 | 3237.00 | 11932.00 | 375 | 510 | | | |
| | | | | | RECOVERY | 82 123 | 3356.00 | 12021.00 | 304 | 580 | 70 | 62 | 39 335 71 |
| 3 | 813 | 22 | 20510 | SA 43202 | RELEASE | 811122 | 3243.00 | 11935.00 | 225 | 550 | | | |
| | | | | | RECOVERY | 82 5 0 | 3640.00 | 12200.00 | 0 | 0 | | | 265 334 |
| 3 | 813 | 22 | 20510 | SA 43224 | RELEASE | 811122 | 3243.00 | 11935.00 | 225 | 530 | | | |
| | | | | | RECOVERY | 83 727 | 3945.00 | 12355.00 | 303 | 0 | | 612 | 419 331 -78 |
| 3 | 913 | 25 | 20510 | SA 43334 | RELEASE | 811122 | 3242.00 | 11942.00 | 550 | 430 | | | |
| | | | | | RECOVERY | 821031 | 3243.00 | 11936.00 | 216 | 490 | 10 | 343 | 5 79 334 |
| 3 | 824 | 3 | 20510 | SA 22104 | RELEASE | 8011 3 | 3243.00 | 11936.00 | 300 | 550 | | | |
| | | | | | RECOVERY | 821029 | 3244.00 | 11938.00 | 319 | 570 | 20 | 725 | 2 301 -19 |
| 3 | 824 | 3 | 20510 | SA 34546 | RELEASE | 8011 3 | 3243.00 | 11936.00 | 300 | 550 | | | |
| | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | | 357 330 |
| 3 | 824 | 25 | 20510 | SA 43916 | RELEASE | 8211 1 | 3242.00 | 11942.00 | 561 | 520 | | | |
| | | | | | RECOVERY | 83 9 1 | 4230.00 | 12440.00 | 300 | 580 | 60 | 273 | 633 340 261 |
| 3 | 824 | 26 | 20510 | SA 34934 | RELEASE | 821110 | 3810.00 | 12329.00 | 240 | 570 | | | |
| | | | | | RECOVERY | 83 9 1 | 4230.00 | 12440.00 | 300 | 580 | 10 | 254 | 255 349 -50 |
| 3 | 824 | 26 | 20510 | SA 34959 | RELEASE | 821110 | 3810.00 | 12329.00 | 240 | 640 | | | |
| | | | | | RECOVERY | 83 331 | 3721.00 | 12256.00 | 200 | 670 | 30 | 141 | 56 152 40 |
| 3 | 824 | 26 | 20510 | SA 34968 | RELEASE | 821110 | 3810.00 | 12329.00 | 240 | 590 | | | |
| | | | | | RECOVERY | 83 718 | 3741.00 | 12256.00 | 200 | 640 | 50 | 250 | 39 138 40 |
| 3 | 824 | 27 | 20510 | SA 34996 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 510 | | | |
| | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | | 23 156 25 |
| 3 | 824 | 27 | 20510 | SA 65017 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 620 | | | |
| | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | | 23 156 |
| 3 | 824 | 27 | 20510 | SA 65021 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 590 | | | |
| | | | | | RECOVERY | 83 324 | 3733.00 | 12301.00 | 255 | 620 | 30 | 287 | 45 147 45 |
| 3 | 824 | 27 | 20510 | SA 65031 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 520 | | | |
| | | | | | RECOVERY | 83 331 | 3845.00 | 12355.00 | 375 | 0 | | 294 | 33 332 -75 |
| 3 | 824 | 27 | 20510 | SA 65057 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 480 | | | |
| | | | | | RECOVERY | 83 9 8 | 4003.00 | 12417.00 | 303 | 0 | | 392 | 117 343 -3 |
| 3 | 824 | 27 | 20510 | SA 65063 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 510 | | | |
| | | | | | RECOVERY | 8212 0 | 3642.00 | 12200.00 | 0 | 0 | | | 111 138 |
| 3 | 824 | 27 | 20510 | SA 65134 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 510 | | | |
| | | | | | RECOVERY | 83 9 4 | 3650.00 | 12400.00 | 290 | 0 | | 298 | 45 331 10 |

| RELEASE | | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIA | DPH |
|---------|-----|-----|-------|-----|-------|----------|---------|----------|----------|------|------|------|-------|-----|---------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHNG |
| 3 | 824 | 27 | 20510 | SA | 65141 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 510 | | | | |
| | | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | 23 | 156 | 25 |
| 3 | 824 | 27 | 20510 | SA | 65153 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 540 | | | | |
| | | | | | | RECOVERY | 83 912 | 4102.00 | 12415.00 | 290 | 570 | 30 | 306 | 174 | 349 10 |
| 3 | 824 | 27 | 20510 | SA | 65161 | RELEASE | 821110 | 3811.00 | 12332.00 | 300 | 540 | | | | |
| | | | | | | RECOVERY | 83 521 | 3722.00 | 12255.00 | 200 | 580 | 40 | 192 | 57 | 149 100 |
| 3 | 824 | 23 | 20510 | SA | 65230 | RELEASE | 821110 | 3811.00 | 12334.00 | 380 | 640 | | | | |
| | | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | 24 | 152 | 105 |
| 3 | 824 | 23 | 20510 | SA | 65261 | RELEASE | 821110 | 3811.00 | 12334.00 | 330 | 550 | | | | |
| | | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | 24 | 152 | 105 |
| 3 | 824 | 28 | 20510 | SA | 65322 | RELEASE | 821110 | 3811.00 | 12334.00 | 380 | 580 | | | | |
| | | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | 24 | 152 | |
| 3 | 824 | 29 | 20510 | SA | 65333 | RELEASE | 821110 | 3810.00 | 12334.00 | 444 | 520 | | | | |
| | | | | | | RECOVERY | 83 411 | 3900.00 | 12400.00 | 0 | 520 | 0 | 152 | 54 | 338 |
| 3 | 824 | 29 | 20510 | SA | 65343 | RELEASE | 821110 | 3810.00 | 12334.00 | 444 | 550 | | | | |
| | | | | | | RECOVERY | 83 624 | 3735.00 | 12300.00 | 335 | 540 | -10 | 226 | 44 | 142 109 |
| 3 | 824 | 29 | 20510 | SA | 65348 | RELEASE | 821110 | 3810.00 | 12334.00 | 444 | 560 | | | | |
| | | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | 23 | 151 | 169 |
| 3 | 824 | 36 | 20510 | SA | 65395 | RELEASE | 821112 | 3810.00 | 12329.00 | 217 | 620 | | | | |
| | | | | | | RECOVERY | 83 4 1 | 3736.00 | 12303.00 | 250 | 0 | | 140 | 40 | 149 -33 |
| 3 | 824 | 36 | 20510 | SA | 65401 | RELEASE | 821112 | 3810.00 | 12329.00 | 217 | 600 | | | | |
| | | | | | | RECOVERY | 83 917 | 3654.00 | 12223.00 | 259 | 0 | | 309 | 92 | 145 -42 |
| 3 | 824 | 36 | 20510 | SA | 65425 | RELEASE | 821112 | 3810.00 | 12329.00 | 217 | 520 | | | | |
| | | | | | | RECOVERY | 831013 | 4300.00 | 12500.00 | 0 | 520 | 0 | 335 | 298 | 347 |
| 3 | 824 | 37 | 20510 | SA | 65451 | RELEASE | 821112 | 3812.00 | 12333.00 | 302 | 720 | | | | |
| | | | | | | RECOVERY | 83 0 0 | 3750.00 | 12320.00 | 275 | 0 | | 24 | 155 | 27 |
| 3 | 824 | 37 | 20510 | SA | 65463 | RELEASE | 821112 | 3812.00 | 12333.00 | 302 | 490 | | | | |
| | | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | 24 | 155 | |
| 3 | 824 | 37 | 20510 | SA | 65509 | RELEASE | 821112 | 3812.00 | 12333.00 | 302 | 600 | | | | |
| | | | | | | RECOVERY | 8312 6 | 3920.00 | 12415.00 | 350 | 610 | 10 | 389 | 75 | 334 -48 |
| 3 | 824 | 37 | 20510 | SA | 65527 | RELEASE | 821112 | 3812.00 | 12333.00 | 302 | 550 | | | | |
| | | | | | | RECOVERY | 83 5 6 | 3930.00 | 12400.00 | 200 | 550 | 0 | 175 | 81 | 345 102 |
| 3 | 824 | 38 | 20510 | SA | 65561 | RELEASE | 821112 | 3812.00 | 12334.00 | 370 | 490 | | | | |
| | | | | | | RECOVERY | 83 829 | 4025.00 | 12440.00 | 370 | 490 | 0 | 290 | 142 | 339 0 |
| 3 | 824 | 38 | 20510 | SA | 65584 | RELEASE | 821112 | 3812.00 | 12334.00 | 370 | 500 | | | | |
| | | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | 25 | 153 | |
| 3 | 824 | 39 | 20510 | SA | 65625 | RELEASE | 821112 | 3810.00 | 12334.00 | 400 | 530 | | | | |
| | | | | | | RECOVERY | 831030 | 4035.00 | 12535.00 | 240 | 530 | 0 | 352 | 175 | 323 160 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|---------|-------|----------|----------|---------|----------|------|------|------|-------|-----|------|------|--|--|
| VES | CAS | HAL | SPEC. | TAG NO. | 1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | |
| 3 | 824 | 47 | 20510 | SA | 65657 | RELEASE | 821114 | 3811.00 | 12311.00 | 366 | 613 | | | | | | | |
| | | | | | | RECOVERY | 83 519 | 3719.00 | 12255.00 | 200 | 640 | 30 | 186 | 53 | 166 | 166 | | |
| 3 | 824 | 47 | 20510 | SA | 65659 | RELEASE | 821114 | 3811.00 | 12311.00 | 366 | 560 | | | | | | | |
| | | | | | | RECOVERY | 83 815 | 4610.00 | 12430.00 | 0 | 613 | 50 | 274 | 482 | 353 | | | |
| 3 | 824 | 47 | 20510 | SA | 65660 | RELEASE | 821114 | 3811.00 | 12311.00 | 366 | 550 | | | | | | | |
| | | | | | | RECOVERY | 83 5 9 | 4250.00 | 12444.00 | 288 | 660 | 110 | 176 | 283 | 346 | 78 | | |
| 3 | 824 | 47 | 20510 | SA | 65664 | RELEASE | 821114 | 3811.00 | 12311.00 | 366 | 460 | | | | | | | |
| | | | | | | RECOVERY | 83 926 | 3825.00 | 12330.00 | 315 | 470 | 10 | 316 | 25 | 303 | 51 | | |
| 10 | 802 | 1 | 20510 | SA | 22019 | RELEASE | 801023 | 3242.00 | 11936.00 | 225 | 540 | | | | | | | |
| | | | | | | RECOVERY | 811120 | 3243.00 | 11936.00 | 223 | 550 | 10 | 393 | 1 | 0 | 2 | | |
| 10 | 802 | 1 | 20510 | SA | 22059 | RELEASE | 801023 | 3242.00 | 11936.00 | 225 | 470 | | | | | | | |
| | | | | | | RECOVERY | 811114 | 3243.00 | 11937.00 | 212 | 470 | 0 | 387 | 1 | 320 | 13 | | |
| 10 | 802 | 1 | 20510 | SA | 22098 | RELEASE | 801023 | 3242.00 | 11936.00 | 225 | 540 | | | | | | | |
| | | | | | | RECOVERY | 801026 | 3242.00 | 11937.00 | 0 | 540 | 0 | 3 | 1 | 277 | | | |
| 10 | 802 | 2 | 20510 | SA | 22104 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 550 | | | | | | | |
| | | | | | | RECOVERY | 8011 3 | 3243.00 | 11936.00 | 300 | 550 | 0 | 11 | 3 | 90 | 12 | | |
| 10 | 802 | 2 | 20510 | SA | 22111 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 490 | | | | | | | |
| | | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 510 | 20 | 386 | 1 | 0 | 13 | | |
| 10 | 802 | 2 | 20510 | SA | 22115 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 500 | | | | | | | |
| | | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 510 | 10 | 386 | 1 | 0 | 13 | | |
| 10 | 802 | 2 | 20510 | SA | 22121 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 520 | | | | | | | |
| | | | | | | RECOVERY | 811120 | 3243.00 | 11936.00 | 223 | 570 | -10 | 393 | 3 | 90 | 39 | | |
| 10 | 802 | 2 | 20510 | SA | 22171 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 480 | | | | | | | |
| | | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 490 | 10 | 386 | 1 | 0 | 13 | | |
| 10 | 802 | 2 | 20510 | SA | 22172 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 510 | | | | | | | |
| | | | | | | RECOVERY | 8110 6 | 3727.00 | 12302.00 | 327 | 550 | 40 | 348 | 329 | 331 | -15 | | |
| 10 | 802 | 2 | 20510 | SA | 22202 | RELEASE | 801023 | 3243.00 | 11939.00 | 312 | 530 | | | | | | | |
| | | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 530 | 0 | 386 | 1 | 0 | 13 | | |
| 10 | 802 | 5 | 20510 | SA | 22310 | RELEASE | 801023 | 3245.00 | 11935.00 | 450 | 530 | | | | | | | |
| | | | | | | RECOVERY | 811120 | 3243.00 | 11936.00 | 223 | 520 | -10 | 393 | 2 | 203 | 27 | | |
| 10 | 802 | 5 | 20510 | SA | 22313 | RELEASE | 801023 | 3245.00 | 11935.00 | 450 | 520 | | | | | | | |
| | | | | | | RECOVERY | 821029 | 3245.00 | 11935.00 | 436 | 530 | 10 | 736 | 0 | 0 | 14 | | |
| 10 | 802 | 5 | 20510 | SA | 22368 | RELEASE | 801023 | 3245.00 | 11935.00 | 450 | 540 | | | | | | | |
| | | | | | | RECOVERY | 811120 | 3245.00 | 11936.00 | 441 | 550 | 20 | 393 | 1 | 270 | 9 | | |
| 10 | 802 | 12 | 20510 | SA | 22394 | RELEASE | 801025 | 3242.00 | 11936.00 | 225 | 470 | | | | | | | |
| | | | | | | RECOVERY | 8211 1 | 3245.00 | 11935.00 | 437 | 480 | 10 | 737 | 3 | 16 | -212 | | |
| 10 | 802 | 12 | 20510 | SA | 22399 | RELEASE | 801025 | 3242.00 | 11936.00 | 225 | 560 | | | | | | | |
| | | | | | | RECOVERY | 811120 | 3243.00 | 11936.00 | 223 | 600 | 40 | 391 | 1 | 0 | 2 | | |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | | |
|---------|-----|-----|-------|----------|----------|----------|---------|----------|------|------|------|-------|------|------|--|--|------|--|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.4M | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | | |
| 10 | 802 | 13 | 20510 | SA 22445 | RELEASE | 801025 | 3243.00 | 11939.00 | 300 | 500 | | | | | | | | |
| | | | | | RECOVERY | 811121 | 3244.00 | 11939.00 | 299 | 510 | 10 | 392 | 1 | 0 | | | 1 | |
| 10 | 802 | 13 | 20510 | SA 22468 | RELEASE | 801025 | 3243.00 | 11939.00 | 300 | 450 | | | | | | | | |
| | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 450 | 10 | 384 | 1 | 0 | | | 1 | |
| 10 | 802 | 14 | 20510 | SA 22493 | RELEASE | 801025 | 3242.00 | 11943.00 | 550 | 560 | | | | | | | | |
| | | | | | RECOVERY | 83 5 8 | 5306.00 | 13242.00 | 488 | 0 | | 925 | 1346 | 339 | | | 62 | |
| 10 | 802 | 14 | 20510 | SA 22511 | RELEASE | 801025 | 3242.00 | 11943.00 | 550 | 640 | | | | | | | | |
| | | | | | RECOVERY | 83 913 | 3950.00 | 12415.00 | 240 | 680 | 40 | 1053 | 430 | 334 | | | 310 | |
| 10 | 802 | 16 | 20510 | SA 22524 | RELEASE | 801025 | 3245.00 | 11935.00 | 450 | 650 | | | | | | | | |
| | | | | | RECOVERY | 821228 | 3931.00 | 12400.00 | 300 | 670 | 20 | 794 | 459 | 333 | | | 150 | |
| 10 | 802 | 16 | 20510 | SA 22548 | RELEASE | 801025 | 3245.00 | 11935.00 | 450 | 520 | | | | | | | | |
| | | | | | RECOVERY | 811120 | 3245.00 | 11936.00 | 441 | 540 | 20 | 391 | 1 | 270 | | | 9 | |
| 10 | 802 | 17 | 20510 | SA 22574 | RELEASE | 801025 | 3236.00 | 11931.00 | 375 | 640 | | | | | | | | |
| | | | | | RECOVERY | 811120 | 3237.00 | 11932.00 | 357 | 630 | -10 | 391 | 1 | 320 | | | 18 | |
| 10 | 802 | 17 | 20510 | SA 22644 | RELEASE | 801025 | 3236.00 | 11931.00 | 375 | 510 | | | | | | | | |
| | | | | | RECOVERY | 811114 | 3237.00 | 11933.00 | 350 | 500 | -10 | 385 | 2 | 301 | | | 25 | |
| 10 | 802 | 17 | 20510 | SA 22679 | RELEASE | 801025 | 3236.00 | 11931.00 | 375 | 510 | | | | | | | | |
| | | | | | RECOVERY | 811020 | 3237.00 | 11932.00 | 357 | 520 | 10 | 360 | 1 | 320 | | | 18 | |
| 10 | 802 | 23 | 20510 | SA 22712 | RELEASE | 801027 | 3242.00 | 11936.00 | 205 | 510 | | | | | | | | |
| | | | | | RECOVERY | 811023 | 3635.00 | 12201.00 | 225 | 540 | 30 | 361 | 262 | 333 | | | -20 | |
| 10 | 802 | 23 | 20510 | SA 22713 | RELEASE | 801027 | 3242.00 | 11936.00 | 205 | 520 | | | | | | | | |
| | | | | | RECOVERY | 811122 | 3245.00 | 11935.00 | 516 | 510 | -10 | 391 | 3 | 16 | | | -311 | |
| 10 | 802 | 24 | 20510 | SA 22764 | RELEASE | 801027 | 3243.00 | 11939.00 | 300 | 590 | | | | | | | | |
| | | | | | RECOVERY | 81 912 | 3648.00 | 12214.00 | 400 | 590 | 0 | 320 | 276 | 333 | | | -100 | |
| 10 | 802 | 24 | 20510 | SA 22767 | RELEASE | 801027 | 3243.00 | 11939.00 | 300 | 530 | | | | | | | | |
| | | | | | RECOVERY | 83 5 4 | 4132.00 | 12436.00 | 480 | 550 | 20 | 919 | 579 | 337 | | | -180 | |
| 10 | 802 | 24 | 20510 | SA 22774 | RELEASE | 801027 | 3243.00 | 11939.00 | 300 | 470 | | | | | | | | |
| | | | | | RECOVERY | 821030 | 3243.00 | 11938.00 | 322 | 470 | 0 | 733 | 1 | 90 | | | -22 | |
| 10 | 802 | 24 | 20510 | SA 22322 | RELEASE | 801027 | 3243.00 | 11939.00 | 300 | 500 | | | | | | | | |
| | | | | | RECOVERY | 811113 | 3244.00 | 11939.00 | 299 | 500 | 0 | 382 | 1 | 0 | | | 1 | |
| 10 | 802 | 23 | 20510 | SA 22952 | RELEASE | 801028 | 3243.00 | 11937.00 | 284 | 480 | | | | | | | | |
| | | | | | RECOVERY | 811122 | 3243.00 | 11938.00 | 309 | 480 | 0 | 390 | 1 | 270 | | | -25 | |
| 10 | 802 | 32 | 20510 | SA 23514 | RELEASE | 801029 | 3243.00 | 11934.00 | 229 | 540 | | | | | | | | |
| | | | | | RECOVERY | 83 8 1 | 4230.00 | 12440.00 | 300 | 0 | | 1006 | 634 | 339 | | | -71 | |
| 10 | 802 | 32 | 20510 | SA 23541 | RELEASE | 801029 | 3243.00 | 11934.00 | 229 | 490 | | | | | | | | |
| | | | | | RECOVERY | 83 725 | 4050.00 | 12440.00 | 0 | 510 | 20 | 999 | 545 | 335 | | | | |
| 10 | 802 | 33 | 20510 | SA 23544 | RELEASE | 801029 | 3244.00 | 11934.00 | 440 | 640 | | | | | | | | |
| | | | | | RECOVERY | 82 711 | 4355.00 | 12448.00 | 320 | 660 | 20 | 620 | 827 | 344 | | | 120 | |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DEPTH |
|---------|-----|-----|-------|----------|-----------------|----------|----------|------|------|------|-------|-----|---------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 10 | 802 | 34 | 20510 | SA 23223 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 510 | | | | |
| | | | | | RECOVERY 8212 0 | 3640.00 | 12200.00 | 0 | | | 264 | 334 | |
| 10 | 802 | 34 | 20510 | SA 23225 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 490 | | | | |
| | | | | | RECOVERY 821030 | 3245.00 | 11935.00 | 432 | 500 | 10 | 728 | 1 | 40 -122 |
| 10 | 802 | 34 | 20510 | SA 23299 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 510 | | | | |
| | | | | | RECOVERY 821030 | 3245.00 | 11935.00 | 432 | 510 | 0 | 728 | 1 | 40 -122 |
| 10 | 802 | 34 | 20510 | SA 23310 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 550 | | | | |
| | | | | | RECOVERY 821025 | 3640.00 | 12200.00 | 0 | | | 723 | 264 | 334 |
| 10 | 802 | 34 | 20510 | SA 23327 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 480 | | | | |
| | | | | | RECOVERY 811113 | 3245.00 | 11935.00 | 464 | 490 | 10 | 377 | 1 | 40 -154 |
| 10 | 802 | 34 | 20510 | SA 23330 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 650 | | | | |
| | | | | | RECOVERY 811113 | 3243.00 | 11936.00 | 212 | 650 | 0 | 377 | 1 | 180 98 |
| 10 | 802 | 34 | 20510 | SA 23411 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 490 | | | | |
| | | | | | RECOVERY 821031 | 3245.00 | 11935.00 | 432 | 490 | 0 | 729 | 1 | 40 -122 |
| 10 | 802 | 34 | 20510 | SA 23420 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 550 | | | | |
| | | | | | RECOVERY 811120 | 3243.00 | 11936.00 | 223 | 550 | 0 | 384 | 1 | 180 87 |
| 10 | 802 | 34 | 20510 | SA 23421 | RELEASE 8011 1 | 3244.00 | 11936.00 | 310 | 470 | | | | |
| | | | | | RECOVERY 811120 | 3243.00 | 11936.00 | 223 | 430 | 10 | 384 | 1 | 180 87 |
| 10 | 802 | 35 | 20510 | SA 23007 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 570 | | | | |
| | | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 957 | 3 | 270 0 |
| 10 | 802 | 35 | 20510 | SA 23065 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 530 | | | | |
| | | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 957 | 3 | 270 0 |
| 10 | 802 | 35 | 20510 | SA 23068 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 580 | | | | |
| | | | | | RECOVERY 83 720 | 4230.00 | 12440.00 | 380 | 610 | 30 | 991 | 626 | 338 -30 |
| 10 | 802 | 35 | 20510 | SA 23086 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 470 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 958 | 3 | 270 -25 |
| 10 | 802 | 35 | 20510 | SA 23088 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 570 | | | | |
| | | | | | RECOVERY 82 5 6 | 3640.00 | 12220.00 | 0 | 0 | | 551 | 266 | 329 |
| 10 | 802 | 35 | 20510 | SA 23089 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 500 | | | | |
| | | | | | RECOVERY 83 5 6 | 3302.00 | 11939.00 | 350 | 0 | | 947 | 12 | 320 0 |
| 10 | 802 | 35 | 20510 | SA 23100 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 550 | | | | |
| | | | | | RECOVERY 83 6 5 | 3258.00 | 11939.00 | 350 | 0 | | 946 | 9 | 303 0 |
| 10 | 802 | 35 | 20510 | SA 23127 | RELEASE 8011 1 | 3253.00 | 11930.00 | 350 | 520 | | | | |
| | | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 957 | 3 | 270 0 |
| 10 | 802 | 36 | 20510 | SA 23173 | RELEASE 8011 1 | 3245.00 | 11934.00 | 435 | 690 | | | | |
| | | | | | RECOVERY 81 116 | 3357.00 | 12358.00 | 0 | 700 | 10 | 788 | 429 | 321 |
| 10 | 802 | 36 | 20510 | SA 23200 | RELEASE 8011 1 | 3245.00 | 11934.00 | 435 | 530 | | | | |
| | | | | | RECOVERY 821027 | 3244.00 | 11933.00 | 319 | 530 | 0 | 725 | 4 | 254 116 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|----------|----------|---------|----------|------|------|-------|---------|--------------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.44 | DDMM.MM | PTH | | | | | CHNG |
| 10 | 802 | 37 | 20510 | SA 23475 | RELEASE | 8011 2 | 3252.00 | 11930.00 | 351 | 520 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 957 | 3 292 | -24 |
| 10 | 802 | 37 | 20510 | SA 23477 | RELEASE | 8011 2 | 3252.00 | 11930.00 | 351 | 530 | | | |
| | | | | | RECOVERY | 82 426 | 3540.00 | 12200.00 | 0 | 0 | 540 | 259 332 | |
| 10 | 802 | 38 | 20510 | SA 23605 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 530 | | | |
| | | | | | RECOVERY | 82 610 | 3700.00 | 12225.00 | 0 | 0 | 535 | 293 331 | |
| 10 | 802 | 38 | 20510 | SA 23609 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 530 | | | |
| | | | | | RECOVERY | 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | 946 | 3 292 | -35 |
| 10 | 802 | 33 | 20510 | SA 23639 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 500 | | | |
| | | | | | RECOVERY | 83 6 7 | 3259.00 | 11933.00 | 338 | 0 | 947 | 6 308 | -73 |
| 10 | 802 | 38 | 20510 | SA 23666 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 560 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 957 | 2 203 | -110 |
| 10 | 802 | 38 | 20510 | SA 23673 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 580 | | | |
| | | | | | RECOVERY | 83 623 | 4102.00 | 12425.00 | 200 | 630 | 50 | 963 | 540 336 65 |
| 10 | 802 | 38 | 20510 | SA 23686 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 620 | | | |
| | | | | | RECOVERY | 82 920 | 4006.00 | 12445.00 | 540 | 760 | 140 | 687 | 499 331 -275 |
| 10 | 802 | 33 | 20510 | SA 23693 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 650 | | | |
| | | | | | RECOVERY | 83 6 7 | 3259.00 | 11938.00 | 338 | 0 | 947 | 6 308 | -73 |
| 10 | 802 | 38 | 20510 | SA 23711 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 430 | | | |
| | | | | | RECOVERY | 82 410 | 4109.00 | 12427.00 | 367 | 480 | 0 | 524 | 547 336 -102 |
| 10 | 802 | 33 | 20510 | SA 23719 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 690 | | | |
| | | | | | RECOVERY | 83 614 | 3256.00 | 11932.00 | 325 | 0 | 954 | 1 0 | -50 |
| 10 | 802 | 38 | 20510 | SA 23724 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 650 | | | |
| | | | | | RECOVERY | 82 5 6 | 3600.00 | 12200.00 | 0 | 0 | 550 | 222 327 | |
| 10 | 802 | 33 | 20510 | SA 23727 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 480 | | | |
| | | | | | RECOVERY | 83 614 | 3256.00 | 11932.00 | 325 | 0 | 954 | 1 0 | -60 |
| 10 | 802 | 38 | 20510 | SA 23747 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 430 | | | |
| | | | | | RECOVERY | 83 614 | 3256.00 | 11932.00 | 325 | 0 | 954 | 1 0 | -60 |
| 10 | 802 | 38 | 20510 | SA 23752 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 490 | | | |
| | | | | | RECOVERY | 83 6 7 | 3301.00 | 11939.00 | 350 | 0 | 947 | 8 316 | -95 |
| 10 | 802 | 38 | 20510 | SA 23768 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 660 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 957 | 2 203 | -110 |
| 10 | 802 | 33 | 20510 | SA 23779 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 630 | | | |
| | | | | | RECOVERY | 82 6 0 | 4240.00 | 12540.00 | 0 | 630 | 0 | 653 335 | |
| 10 | 802 | 38 | 20510 | SA 23792 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 510 | | | |
| | | | | | RECOVERY | 83 616 | 3253.00 | 11933.00 | 350 | 0 | 956 | 2 203 | -95 |
| 10 | 802 | 38 | 20510 | SA 23803 | RELEASE | 8011 2 | 3255.00 | 11932.00 | 265 | 400 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 957 | 2 203 | -110 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | DEPTH |
|---------|-----|-----|-------|----------|----------|-----------------|----------|-----|------|------|------|-------|-----|------|-------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHRG | |
| 10 | 802 | 38 | 20510 | SA 23824 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 510 | | | | | | |
| | | | | | RECOVERY | 83 3 6 5046.00 | 12942.00 | 0 | 450 | -60 | 1007 | 1153 | 340 | | |
| 10 | 802 | 38 | 20510 | SA 23849 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 480 | | | | | | |
| | | | | | RECOVERY | 83 6 17 3253.00 | 11933.00 | 375 | 0 | | 957 | 2 | 203 | -110 | |
| 10 | 802 | 38 | 20510 | SA 23851 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 570 | | | | | | |
| | | | | | RECOVERY | 8011 5 3255.00 | 11932.00 | 265 | 570 | 0 | 3 | 0 | 0 | 0 | |
| 10 | 802 | 38 | 20510 | SA 23858 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 530 | | | | | | |
| | | | | | RECOVERY | 83 6 17 3253.00 | 11933.00 | 375 | 0 | | 957 | 2 | 203 | -110 | |
| 10 | 802 | 38 | 20510 | SA 23872 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 670 | | | | | | |
| | | | | | RECOVERY | 82 7 15 3540.00 | 12127.00 | 245 | 790 | 120 | 620 | 190 | 330 | 20 | |
| 10 | 802 | 38 | 20510 | SA 23873 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 590 | | | | | | |
| | | | | | RECOVERY | 83 6 7 3301.00 | 11939.00 | 350 | 0 | | 947 | 6 | 316 | -85 | |
| 10 | 802 | 38 | 20510 | SA 23889 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 500 | | | | | | |
| | | | | | RECOVERY | 83 3 19 3308.00 | 11844.00 | 400 | 0 | | 857 | 42 | 72 | -135 | |
| 10 | 802 | 38 | 20510 | SA 23894 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 440 | | | | | | |
| | | | | | RECOVERY | 83 6 14 3256.00 | 11932.00 | 325 | 0 | | 954 | 1 | 0 | -60 | |
| 10 | 802 | 38 | 20510 | SA 23904 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 540 | | | | | | |
| | | | | | RECOVERY | 83 6 17 3253.00 | 11933.00 | 375 | 0 | | 957 | 2 | 203 | -110 | |
| 10 | 802 | 38 | 20510 | SA 23906 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 520 | | | | | | |
| | | | | | RECOVERY | 83 6 6 3255.00 | 11935.00 | 350 | 0 | | 946 | 3 | 292 | -85 | |
| 10 | 802 | 38 | 20510 | SA 23907 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 490 | | | | | | |
| | | | | | RECOVERY | 83 6 14 3256.00 | 11932.00 | 325 | 0 | | 954 | 1 | 0 | -60 | |
| 10 | 802 | 38 | 20510 | SA 23913 | RELEASE | 8011 2 3255.00 | 11932.00 | 265 | 460 | | | | | | |
| | | | | | RECOVERY | 83 6 17 3253.00 | 11933.00 | 375 | 0 | | 957 | 2 | 203 | -110 | |
| 10 | 802 | 39 | 20510 | SA 23972 | RELEASE | 8011 2 3243.00 | 11935.00 | 315 | 540 | | | | | | |
| | | | | | RECOVERY | 83 3 11 3708.00 | 12255.00 | 329 | 0 | | 1012 | 311 | 329 | -14 | |
| 10 | 802 | 39 | 20510 | SA 23991 | RELEASE | 8011 2 3243.00 | 11935.00 | 315 | 580 | | | | | | |
| | | | | | RECOVERY | 82 4 27 4008.00 | 12421.00 | 170 | 610 | 30 | 541 | 501 | 334 | 145 | |
| 10 | 802 | 40 | 20510 | SA 24019 | RELEASE | 8011 3 3259.00 | 11936.00 | 248 | 650 | | | | | | |
| | | | | | RECOVERY | 83 6 16 3253.00 | 11933.00 | 350 | 0 | | 955 | 6 | 157 | -102 | |
| 10 | 802 | 40 | 20510 | SA 24020 | RELEASE | 8011 3 3259.00 | 11936.00 | 248 | 540 | | | | | | |
| | | | | | RECOVERY | 83 6 16 3253.00 | 11933.00 | 350 | 0 | | 955 | 6 | 157 | -102 | |
| 10 | 802 | 40 | 20510 | SA 24026 | RELEASE | 8011 3 3259.00 | 11936.00 | 248 | 560 | | | | | | |
| | | | | | RECOVERY | 82 5 0 3640.00 | 12200.00 | 0 | 0 | | | 250 | 332 | | |
| 10 | 802 | 40 | 20510 | SA 24029 | RELEASE | 8011 3 3259.00 | 11936.00 | 248 | 620 | | | | | | |
| | | | | | RECOVERY | 83 9 0 3750.00 | 12320.00 | 0 | 0 | | | 343 | 329 | | |
| 10 | 802 | 40 | 20510 | SA 24046 | RELEASE | 8011 3 3259.00 | 11936.00 | 248 | 550 | | | | | | |
| | | | | | RECOVERY | 83 6 6 3258.00 | 11937.00 | 350 | 0 | | 945 | 1 | 220 | -102 | |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|----------|----------|---------|----------|----------|------|-----|------|-------|------|------|-----|--|--|--|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.YM | DDMM.MM | PTH | SIZE | GRW | DAYS | MILES | DIR | CHNG | | | | |
| 10 | 802 | 40 | 20510 | SA 24049 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 470 | | | | | | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 956 | 5 | 157 | -127 | | | | |
| 10 | 802 | 40 | 20510 | SA 24052 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 470 | | | | | | | | |
| | | | | | RECOVERY | 81 5 7 | 3509.00 | 12110.00 | 300 | 560 | 90 | 215 | 151 | 329 | -52 | | | |
| 10 | 802 | 40 | 20510 | SA 24058 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 650 | | | | | | | | |
| | | | | | RECOVERY | 811219 | 3442.00 | 12111.00 | 210 | 0 | 411 | 130 | 323 | 38 | | | | |
| 10 | 802 | 40 | 20510 | SA 24059 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 480 | | | | | | | | |
| | | | | | RECOVERY | 8011 7 | 3259.00 | 11936.00 | 265 | 490 | 10 | 4 | 0 | 0 | -17 | | | |
| 10 | 802 | 40 | 20510 | SA 24063 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 560 | | | | | | | | |
| | | | | | RECOVERY | 83 614 | 3258.00 | 11937.00 | 325 | 0 | 953 | 1 | 220 | -77 | | | | |
| 10 | 902 | 40 | 20510 | SA 24066 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 610 | | | | | | | | |
| | | | | | RECOVERY | 83 614 | 3258.00 | 11937.00 | 325 | 0 | 953 | 1 | 220 | -77 | | | | |
| 10 | 802 | 40 | 20510 | SA 24073 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 560 | | | | | | | | |
| | | | | | RECOVERY | 83 6 3 | 5317.00 | 13307.00 | 0 | 610 | 50 | 942 | 1350 | 338 | | | | |
| 10 | 802 | 40 | 20510 | SA 24077 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 470 | | | | | | | | |
| | | | | | RECOVERY | 8011 7 | 3259.00 | 11936.00 | 265 | 470 | 0 | 4 | 0 | 0 | -17 | | | |
| 10 | 802 | 40 | 20510 | SA 24113 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 510 | | | | | | | | |
| | | | | | RECOVERY | 83 616 | 3253.00 | 11933.00 | 350 | 0 | 955 | 5 | 157 | -102 | | | | |
| 10 | 802 | 40 | 20510 | SA 24114 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 530 | | | | | | | | |
| | | | | | RECOVERY | 8011 5 | 3259.00 | 11936.00 | 255 | 530 | 0 | 2 | 0 | 0 | -7 | | | |
| 10 | 802 | 40 | 20510 | SA 24115 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 480 | | | | | | | | |
| | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | 0 | | 343 | 329 | | | | | |
| 10 | 802 | 40 | 20510 | SA 24119 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 570 | | | | | | | | |
| | | | | | RECOVERY | 8011 7 | 3259.00 | 11936.00 | 265 | 570 | 0 | 4 | 0 | 0 | -17 | | | |
| 10 | 802 | 40 | 20510 | SA 24130 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 550 | | | | | | | | |
| | | | | | RECOVERY | 83 614 | 3258.00 | 11937.00 | 325 | 0 | 953 | 1 | 220 | -77 | | | | |
| 10 | 802 | 40 | 20510 | SA 24134 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 530 | | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3259.00 | 11936.00 | 350 | 0 | 945 | 0 | 0 | -102 | | | | |
| 10 | 802 | 40 | 20510 | SA 24135 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 630 | | | | | | | | |
| | | | | | RECOVERY | 92 7 1 | 3750.00 | 12320.00 | 0 | 0 | 605 | 343 | 329 | | | | | |
| 10 | 802 | 40 | 20510 | SA 24152 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 560 | | | | | | | | |
| | | | | | RECOVERY | 82 5 5 | 3700.00 | 12225.00 | 0 | 0 | 548 | 278 | 331 | | | | | |
| 10 | 802 | 40 | 20510 | SA 24169 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 490 | | | | | | | | |
| | | | | | RECOVERY | 83 616 | 3307.00 | 11941.00 | 350 | 0 | 955 | 9 | 332 | -102 | | | | |
| 10 | 802 | 40 | 20510 | SA 24174 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 520 | | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3302.00 | 11939.00 | 350 | 0 | 945 | 4 | 320 | -102 | | | | |
| 10 | 802 | 40 | 20510 | SA 24179 | RELEASE | 8011 3 | 3259.00 | 11936.00 | 248 | 530 | | | | | | | | |
| | | | | | RECOVERY | 83 5 5 | 3257.00 | 11937.00 | 500 | 0 | 944 | 2 | 203 | -252 | | | | |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIP | DPIH |
|---------|-----|-----|----------------|-----------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. TAG NO.1 | YYMMDD | DDMM-MM | DDMM-MM | PTH | | | | | | CHNG |
| 10 | 302 | 42 | 20510 SA 24438 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 0 | | | | | |
| | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 955 | 23 | 350 | -40 |
| 10 | 802 | 42 | 20510 SA 24441 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 560 | | | | | |
| | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 955 | 9 | 16 | -40 |
| 10 | 802 | 42 | 20510 SA 24445 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 550 | | | | | |
| | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 953 | 12 | 16 | -15 |
| 10 | 302 | 42 | 20510 SA 24451 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 460 | | | | | |
| | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 955 | 23 | 350 | -40 |
| 10 | 802 | 42 | 20510 SA 24465 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 470 | | | | | |
| | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 956 | 9 | 16 | -65 |
| 10 | 802 | 42 | 20510 SA 24476 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 570 | | | | | |
| | | | | RECOVERY 82 5 0 | 3640.00 | 12200.00 | 0 | 0 | | | 264 | 334 | |
| 10 | 802 | 42 | 20510 SA 24478 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 640 | | | | | |
| | | | | RECOVERY 8011 6 | 3257.00 | 11933.00 | 230 | 650 | 10 | 3 | 13 | 11 | 30 |
| 10 | 302 | 42 | 20510 SA 24495 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 0 | | | | | |
| | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 955 | 9 | 16 | -40 |
| 10 | 302 | 42 | 20510 SA 24505 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 560 | | | | | |
| | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 956 | 9 | 16 | -65 |
| 10 | 802 | 42 | 20510 SA 24515 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 630 | | | | | |
| | | | | RECOVERY 82 6 6 | 5020.00 | 12820.00 | 0 | 620 | -10 | 530 | 1125 | 342 | |
| 10 | 802 | 42 | 20510 SA 24524 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 0 | | | | | |
| | | | | RECOVERY 82 9 0 | 3900.00 | 12400.00 | 0 | 0 | | | 432 | 332 | |
| 10 | 802 | 42 | 20510 SA 24526 | RELEASE 8011 3 | 3244.00 | 11936.00 | 310 | 460 | | | | | |
| | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 956 | 9 | 16 | -65 |
| 10 | 802 | 43 | 20510 SA 24560 | RELEASE 8011 3 | 3243.00 | 11936.00 | 300 | 520 | | | | | |
| | | | | RECOVERY 83 914 | 3645.00 | 12205.00 | 350 | 590 | 70 | 1045 | 271 | 334 | -50 |
| 10 | 802 | 43 | 20510 SA 24561 | RELEASE 8011 3 | 3243.00 | 11936.00 | 300 | 500 | | | | | |
| | | | | RECOVERY 811113 | 3243.00 | 11936.00 | 212 | 520 | 20 | 375 | 0 | 0 | 38 |
| 10 | 302 | 43 | 20510 SA 24586 | RELEASE 8011 3 | 3243.00 | 11936.00 | 300 | 500 | | | | | |
| | | | | RECOVERY 82 722 | 4027.00 | 12436.00 | 300 | 500 | 0 | 626 | 522 | 334 | 0 |
| 10 | 802 | 44 | 20510 SA 24596 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 610 | | | | | |
| | | | | RECOVERY 8112 5 | 3552.00 | 12135.00 | 280 | 620 | 10 | 396 | 199 | 331 | -27 |
| 10 | 302 | 44 | 20510 SA 24605 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 590 | | | | | |
| | | | | RECOVERY 82 7 1 | 5255.00 | 13228.00 | 475 | 590 | 0 | 604 | 1319 | 339 | -222 |
| 10 | 802 | 44 | 20510 SA 24611 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 610 | | | | | |
| | | | | RECOVERY 81 926 | 3848.00 | 12354.00 | 230 | 610 | 0 | 295 | 407 | 330 | 23 |
| 10 | 802 | 44 | 20510 SA 24614 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 510 | | | | | |
| | | | | RECOVERY 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | | 244 | 3 | 180 | -97 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|----------|----------|----------|---------|----------|------|------|------|-------|-----|------|------|--|--|
| VES | CBS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MH | DDMM.MH | PTH | SIZE | GROW | DAYS | MILES | DIR | CHRG | | | |
| 10 | 802 | 44 | 20510 | SA 24623 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 550 | | | | | | | |
| | | | | | RECOVERY | 83 6 3 | 3306.00 | 11942.00 | 400 | 560 | 10 | 941 | 9 | 320 | -147 | | |
| 10 | 802 | 44 | 20510 | SA 24625 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | | | |
| | | | | | RECOVERY | 83 6 14 | 3258.00 | 11937.00 | 325 | 0 | | 952 | 2 | 239 | -72 | | |
| 10 | 802 | 44 | 20510 | SA 24626 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 540 | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3258.00 | 11937.00 | 350 | 0 | | 944 | 2 | 239 | -97 | | |
| 10 | 802 | 44 | 20510 | SA 24631 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | | | |
| | | | | | RECOVERY | 83 6 14 | 3258.00 | 11937.00 | 325 | 0 | | 952 | 2 | 239 | -72 | | |
| 10 | 802 | 44 | 20510 | SA 24638 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | | | |
| | | | | | RECOVERY | 83 6 5 | 3258.00 | 11937.00 | 350 | 0 | | 943 | 2 | 239 | -97 | | |
| 10 | 802 | 44 | 20510 | SA 24660 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 540 | | | | | | | |
| | | | | | RECOVERY | 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | | 945 | 9 | 324 | -122 | | |
| 10 | 802 | 44 | 20510 | SA 24663 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | | | |
| | | | | | RECOVERY | 83 6 7 | 3259.00 | 11938.00 | 338 | 0 | | 945 | 3 | 270 | -85 | | |
| 10 | 802 | 44 | 20510 | SA 24670 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 540 | | | | | | | |
| | | | | | RECOVERY | 81 6 28 | 3356.00 | 12029.00 | 270 | 590 | 50 | 236 | 73 | 322 | -17 | | |
| 10 | 802 | 44 | 20510 | SA 24735 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | | | |
| | | | | | RECOVERY | 83 6 5 | 3303.00 | 11940.00 | 400 | 0 | | 943 | 6 | 314 | -147 | | |
| 10 | 802 | 44 | 20510 | SA 24737 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 620 | | | | | | | |
| | | | | | RECOVERY | 83 6 14 | 3258.00 | 11937.00 | 325 | 0 | | 952 | 2 | 239 | -72 | | |
| 10 | 802 | 44 | 20510 | SA 24751 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | | | |
| | | | | | RECOVERY | 83 6 17 | 3253.00 | 11933.00 | 375 | 0 | | 955 | 6 | 164 | -122 | | |
| 10 | 802 | 44 | 20510 | SA 24761 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 640 | | | | | | | |
| | | | | | RECOVERY | 82 12 5 | 3609.00 | 12331.00 | 310 | 710 | 70 | 761 | 364 | 329 | -57 | | |
| 10 | 802 | 44 | 20510 | SA 24785 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 560 | | | | | | | |
| | | | | | RECOVERY | 82 4 24 | 3708.00 | 12250.00 | 270 | 0 | | 536 | 296 | 328 | -17 | | |
| 10 | 802 | 44 | 20510 | SA 24786 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 560 | | | | | | | |
| | | | | | RECOVERY | 83 6 16 | 3253.00 | 11933.00 | 350 | 0 | | 954 | 6 | 164 | -77 | | |
| 10 | 802 | 44 | 20510 | SA 24796 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 470 | | | | | | | |
| | | | | | RECOVERY | 83 6 16 | 3253.00 | 11933.00 | 350 | 0 | | 954 | 6 | 164 | -77 | | |
| 10 | 802 | 44 | 20510 | SA 24812 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | | | |
| | | | | | RECOVERY | 83 6 5 | 3257.00 | 11937.00 | 500 | 480 | -20 | 943 | 3 | 220 | -247 | | |
| 10 | 802 | 44 | 20510 | SA 24823 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | | | |
| | | | | | RECOVERY | 83 7 18 | 3741.00 | 12256.00 | 200 | 550 | 50 | 986 | 326 | 331 | 53 | | |
| 10 | 802 | 44 | 20510 | SA 24831 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 520 | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | | 944 | 3 | 180 | -97 | | |
| 10 | 802 | 44 | 20510 | SA 24853 | RELEASE | 8011 4 | 3259.00 | 11935.00 | 253 | 480 | | | | | | | |
| | | | | | RECOVERY | 83 6 16 | 3307.00 | 11941.00 | 350 | 0 | | 954 | 9 | 328 | -97 | | |

| RELEASE | | | | | | DATE | LATITUDE | LONGITUDE | DEPTH | SIZE | GROW | DAYS | MILES | DIR | DEPTH CHNG |
|---------|-----|-----|-------|-----|-------|-----------------|----------|-----------|-------|------|------|------|-------|-----|------------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDDMM.MM | PTH | | | | | | |
| 10 | 802 | 44 | 20510 | SA | 24854 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 450 | | | | | |
| | | | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | | 954 | 3 | 164 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24861 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | |
| | | | | | | RECOVERY 83 6 6 | 3258.00 | 11937.00 | 350 | 0 | | 944 | 2 | 239 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24868 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 450 | | | | | |
| | | | | | | RECOVERY 83 6 5 | 3257.00 | 11937.00 | 500 | 0 | | 943 | 3 | 220 | -247 |
| 10 | 802 | 44 | 20510 | SA | 24873 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 490 | | | | | |
| | | | | | | RECOVERY 8212 0 | 3650.00 | 12200.00 | 0 | 0 | | | 260 | 333 | |
| 10 | 802 | 44 | 20510 | SA | 24892 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 510 | | | | | |
| | | | | | | RECOVERY 83 6 6 | 3302.00 | 11939.00 | 350 | 0 | | 944 | 5 | 312 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24893 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 430 | | | | | |
| | | | | | | RECOVERY 82 920 | 4230.00 | 12450.00 | 0 | 500 | 20 | 654 | 622 | 338 | |
| 10 | 802 | 44 | 20510 | SA | 24900 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 520 | | | | | |
| | | | | | | RECOVERY 83 614 | 3258.00 | 11937.00 | 325 | 0 | | 952 | 2 | 239 | -72 |
| 10 | 802 | 44 | 20510 | SA | 24902 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 480 | | | | | |
| | | | | | | RECOVERY 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | | 945 | 9 | 324 | -122 |
| 10 | 802 | 44 | 20510 | SA | 24924 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 530 | | | | | |
| | | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 954 | 9 | 328 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24941 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | |
| | | | | | | RECOVERY 83 6 6 | 3258.00 | 11937.00 | 350 | 0 | | 944 | 2 | 239 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24942 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 560 | | | | | |
| | | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 955 | 6 | 164 | -122 |
| 10 | 802 | 44 | 20510 | SA | 24944 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 500 | | | | | |
| | | | | | | RECOVERY 82 719 | 3700.00 | 12225.00 | 0 | 0 | | 622 | 273 | 331 | |
| 10 | 802 | 44 | 20510 | SA | 24952 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 560 | | | | | |
| | | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 954 | 9 | 328 | -97 |
| 10 | 802 | 44 | 20510 | SA | 24955 | RELEASE 8011 4 | 3259.00 | 11935.00 | 253 | 580 | | | | | |
| | | | | | | RECOVERY 83 6 7 | 3301.00 | 11939.00 | 350 | 0 | | 945 | 4 | 301 | -97 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|----------|----------|------|------|------|-------|-----|----------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 10 | 802 | 45 | 20510 | SA 24967 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 590 | | | | |
| | | | | | RECOVERY 83 526 | 4839.00 | 12634.00 | 0 | 640 | 50 | 933 | 994 | 343 |
| 10 | 802 | 45 | 20510 | SA 25014 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 450 | | | | |
| | | | | | RECOVERY 82 418 | 3240.00 | 11725.00 | 265 | 460 | 10 | 530 | 106 | 98 -39 |
| 10 | 802 | 45 | 20510 | SA 25022 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 480 | | | | |
| | | | | | RECOVERY 82 720 | 3640.00 | 12200.00 | 0 | 530 | 50 | 323 | 255 | 332 |
| 10 | 802 | 45 | 20510 | SA 25025 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 530 | | | | |
| | | | | | RECOVERY 811126 | 3559.00 | 12135.00 | 252 | 600 | 70 | 387 | 209 | 331 -26 |
| 10 | 802 | 45 | 20510 | SA 25034 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 640 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 952 | 0 | 0 -99 |
| 10 | 802 | 45 | 20510 | SA 25055 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 510 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 952 | 0 | 0 -99 |
| 10 | 802 | 45 | 20510 | SA 25071 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 580 | | | | |
| | | | | | RECOVERY 83 6 7 | 3258.00 | 11937.00 | 400 | 0 | | 945 | 5 | 295 -174 |
| 10 | 802 | 45 | 20510 | SA 25090 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 680 | | | | |
| | | | | | RECOVERY 83 6 5 | 3258.00 | 11939.00 | 350 | 0 | | 943 | 6 | 289 -124 |
| 10 | 802 | 45 | 20510 | SA 25159 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 530 | | | | |
| | | | | | RECOVERY 82 5 4 | 4222.00 | 12443.00 | 301 | 530 | 0 | 546 | 517 | 338 -75 |
| 10 | 802 | 45 | 20510 | SA 25177 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 520 | | | | |
| | | | | | RECOVERY 82 616 | 3650.00 | 12220.00 | 0 | 0 | | 589 | 271 | 330 |
| 10 | 802 | 45 | 20510 | SA 25183 | RELEASE 8011 4 | 3256.00 | 11932.00 | 226 | 510 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 952 | 0 | 0 -99 |
| 10 | 802 | 46 | 20510 | SA 25195 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 540 | | | | |
| | | | | | RECOVERY 811111 | 3729.00 | 12322.00 | 265 | 590 | 50 | 372 | 332 | 327 1 |
| 10 | 802 | 46 | 20510 | SA 25200 | RELEASE 8011 4 | 3255.00 | 11932.00 | 256 | 460 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 952 | 1 | 0 -59 |
| 10 | 802 | 46 | 20510 | SA 25228 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 500 | | | | |
| | | | | | RECOVERY 811022 | 3638.00 | 12202.00 | 200 | 530 | 30 | 352 | 255 | 332 66 |
| 10 | 802 | 46 | 20510 | SA 25237 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 530 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 952 | 1 | 0 -59 |
| 10 | 802 | 46 | 20510 | SA 25269 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 550 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 955 | 2 | 203 -109 |
| 10 | 802 | 46 | 20510 | SA 25290 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 530 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 955 | 2 | 203 -109 |
| 10 | 802 | 46 | 20510 | SA 25298 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 430 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 955 | 2 | 203 -109 |
| 10 | 802 | 46 | 20510 | SA 25313 | RELEASE 8011 4 | 3255.00 | 11932.00 | 266 | 530 | | | | |
| | | | | | RECOVERY 81 215 | 3340.00 | 11815.00 | 100 | 620 | 40 | 103 | 79 | 55 166 |

| RELEASE | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|----------|----------|------|------|------|-------|---------|------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 10 | 802 | 43 | 20510 | SA 25701 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 530 | | | | |
| | | | | | RECOVERY 81 712 | 3449.00 | 12123.00 | 255 | 560 | 30 | 249 | 142 321 | 0 |
| 10 | 802 | 43 | 20510 | SA 25713 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 500 | | | | |
| | | | | | RECOVERY 83 6 7 | 3258.00 | 11937.00 | 400 | 0 | | 944 | 2 239 | -145 |
| 10 | 802 | 48 | 20510 | SA 25717 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 550 | | | | |
| | | | | | RECOVERY 82 726 | 4440.00 | 12450.00 | 230 | 620 | 70 | 623 | 742 342 | 25 |
| 10 | 802 | 43 | 20510 | SA 25720 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 620 | | | | |
| | | | | | RECOVERY 82 820 | 4230.00 | 12450.00 | 0 | 680 | 60 | 653 | 622 338 | |
| 10 | 802 | 43 | 20510 | SA 25724 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 540 | | | | |
| | | | | | RECOVERY 8211 3 | 4146.00 | 12435.00 | 230 | 0 | | 728 | 578 337 | -25 |
| 10 | 802 | 48 | 20510 | SA 25729 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 500 | | | | |
| | | | | | RECOVERY 81 8 3 | 4111.00 | 12420.00 | 100 | 550 | 50 | 271 | 541 337 | 155 |
| 10 | 802 | 43 | 20510 | SA 25761 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 540 | | | | |
| | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 953 | 9 328 | -95 |
| 10 | 802 | 48 | 20510 | SA 25765 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 530 | | | | |
| | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 953 | 9 328 | -95 |
| 10 | 802 | 43 | 20510 | SA 25787 | RELEASE 8011 5 | 3259.00 | 11935.00 | 255 | 510 | | | | |
| | | | | | RECOVERY 8210 4 | 4037.00 | 12454.00 | 250 | 520 | 10 | 698 | 516 334 | 5 |
| 10 | 802 | 49 | 20510 | SA 25824 | RELEASE 8011 5 | 3256.00 | 11933.00 | 223 | 490 | | | | |
| | | | | | RECOVERY 81 628 | 3403.00 | 12037.00 | 300 | 480 | -10 | 235 | 36 322 | -77 |
| 10 | 802 | 49 | 20510 | SA 25825 | RELEASE 8011 5 | 3256.00 | 11933.00 | 223 | 470 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 954 | 3 130 | -152 |
| 10 | 802 | 49 | 20510 | SA 25875 | RELEASE 8011 5 | 3256.00 | 11933.00 | 223 | 480 | | | | |
| | | | | | RECOVERY 83 923 | 4310.00 | 12450.00 | 0 | 530 | 50 | 1052 | 662 339 | |
| 10 | 802 | 49 | 20510 | SA 25908 | RELEASE 8011 5 | 3256.00 | 11933.00 | 223 | 580 | | | | |
| | | | | | RECOVERY 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | | 943 | 2 270 | -127 |
| 10 | 802 | 49 | 20510 | SA 25929 | RELEASE 8011 5 | 3256.00 | 11933.00 | 223 | 530 | | | | |
| | | | | | RECOVERY 83 8 8 | 3253.00 | 11931.00 | 0 | 0 | | 1006 | 3 151 | |
| 10 | 802 | 50 | 20510 | SA 25964 | RELEASE 8011 5 | 3255.00 | 11932.00 | 265 | 600 | | | | |
| | | | | | RECOVERY 82 5 4 | 4300.00 | 12600.00 | 0 | 610 | 10 | 545 | 951 344 | |
| 10 | 802 | 50 | 20510 | SA 35006 | RELEASE 8011 5 | 3255.00 | 11932.00 | 265 | 490 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 954 | 2 203 | -110 |
| 10 | 802 | 50 | 20510 | SA 35016 | RELEASE 8011 5 | 3255.00 | 11932.00 | 265 | 580 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 954 | 2 203 | -110 |
| 10 | 802 | 50 | 20510 | SA 35020 | RELEASE 8011 5 | 3255.00 | 11932.00 | 265 | 600 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 951 | 1 0 | -50 |
| 10 | 802 | 50 | 20510 | SA 35024 | RELEASE 8011 5 | 3255.00 | 11932.00 | 265 | 530 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | | 951 | 1 0 | -50 |

| RELEASE | | | | DATE | LATITUDE | LONGITUDE | DEPTH | SIZE | GROW | DAYS | MILES | DIR | CHNG |
|---------|-----|-----|-------|----------|----------|-----------|---------|----------|------|------|-------|-------|--------------|
| VES | CRS | HAL | SPEC. | T&G NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | |
| 10 | 802 | 50 | 20510 | SA 35053 | RELEASE | 8011 5 | 3255.00 | 11932.00 | 265 | 530 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | | 954 | 2 203 | -110 |
| 10 | 802 | 51 | 20510 | SA 35084 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 510 | | | |
| | | | | | RECOVERY | 83 528 | 3302.00 | 11929.00 | 400 | | 934 | 4 348 | -137 |
| 10 | 802 | 51 | 20510 | SA 35086 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 600 | | | |
| | | | | | RECOVERY | 82 3 4 | 3835.00 | 12343.00 | 270 | 660 | 60 | 484 | 395 330 -7 |
| 10 | 802 | 51 | 20510 | SA 35092 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 530 | | | |
| | | | | | RECOVERY | 81 815 | 3713.00 | 12257.00 | 260 | 580 | 50 | 283 | 307 327 3 |
| 10 | 802 | 51 | 20510 | SA 35097 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 540 | | | |
| | | | | | RECOVERY | 82 429 | 3645.00 | 12210.00 | 0 | 600 | 60 | 540 | 263 330 |
| 10 | 802 | 51 | 20510 | SA 35103 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 480 | | | |
| | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 388 | | | 928 | 10 331 -125 |
| 10 | 802 | 51 | 20510 | SA 35105 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 460 | | | |
| | | | | | RECOVERY | 81 719 | 3350.00 | 11951.00 | 219 | 620 | 140 | 256 | 55 340 44 |
| 10 | 802 | 51 | 20510 | SA 35130 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 630 | | | |
| | | | | | RECOVERY | 83 8 1 | 4230.00 | 12440.00 | 300 | 630 | 0 | 999 | 622 333 -37 |
| 10 | 802 | 51 | 20510 | SA 35154 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 520 | | | |
| | | | | | RECOVERY | 83 528 | 3302.00 | 11929.00 | 400 | | | 934 | 4 348 -137 |
| 10 | 802 | 51 | 20510 | SA 35155 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 470 | | | |
| | | | | | RECOVERY | 83 522 | 3300.00 | 11927.00 | 403 | 490 | 20 | 928 | 2 23 -140 |
| 10 | 802 | 51 | 20510 | SA 35160 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 460 | | | |
| | | | | | RECOVERY | 83 527 | 3304.00 | 11928.00 | 495 | | | 933 | 6 0 -222 |
| 10 | 802 | 51 | 20510 | SA 35173 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 560 | | | |
| | | | | | RECOVERY | 81 8 3 | 3424.00 | 12006.00 | 110 | 640 | 90 | 271 | 92 340 153 |
| 10 | 802 | 51 | 20510 | SA 35184 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 520 | | | |
| | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 350 | | | 928 | 10 331 -37 |
| 10 | 802 | 51 | 20510 | SA 35196 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 550 | | | |
| | | | | | RECOVERY | 8111 23 | 3650.00 | 12220.00 | 400 | | | 383 | 271 329 -137 |
| 10 | 802 | 51 | 20510 | SA 35200 | RELEASE | 8011 5 | 3258.00 | 11928.00 | 263 | 640 | | | |
| | | | | | RECOVERY | 83 9 0 | 3750.00 | 12320.00 | 0 | | | | 348 328 |
| 10 | 802 | 52 | 20510 | SA 35224 | RELEASE | 8011 6 | 3259.00 | 11936.00 | 263 | 510 | | | |
| | | | | | RECOVERY | 8310 6 | 4050.00 | 12440.00 | 0 | 530 | 20 | 1064 | 530 334 |
| 10 | 802 | 52 | 20510 | SA 35233 | RELEASE | 8011 6 | 3259.00 | 11936.00 | 263 | 530 | | | |
| | | | | | RECOVERY | 83 616 | 3307.00 | 11941.00 | 350 | | | 952 | 9 332 -87 |
| 10 | 802 | 52 | 20510 | SA 35256 | RELEASE | 8011 6 | 3259.00 | 11936.00 | 263 | 580 | | | |
| | | | | | RECOVERY | 8111 9 | 4620.00 | 12438.00 | 230 | | | 368 | 133 345 33 |
| 10 | 802 | 52 | 20510 | SA 35259 | RELEASE | 8011 6 | 3259.00 | 11936.00 | 263 | 540 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | | | 953 | 6 157 -112 |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GRW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-------------------------|----------|----------|-----|------|-----|------|-------|------|------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | | CHNG |
| 10 | 802 | 52 | 20510 | SA 35273 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 520 | | | | | | |
| | | | | | RECOVERY 83 614 3258.00 | 11937.00 | 325 | 0 | | | 950 | 1 | 220 | -62 |
| 10 | 802 | 52 | 20510 | SA 35306 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 510 | | | | | | |
| | | | | | RECOVERY 83 6 6 3258.00 | 11937.00 | 350 | 0 | | | 942 | 1 | 220 | -37 |
| 10 | 802 | 52 | 20510 | SA 35354 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 490 | | | | | | |
| | | | | | RECOVERY 83 614 3258.00 | 11937.00 | 325 | 0 | | | 950 | 1 | 220 | -62 |
| 10 | 802 | 52 | 20510 | SA 35376 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 530 | | | | | | |
| | | | | | RECOVERY 83 614 3258.00 | 11937.00 | 325 | 0 | | | 950 | 1 | 220 | -62 |
| 10 | 802 | 52 | 20510 | SA 35383 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 560 | | | | | | |
| | | | | | RECOVERY 83 6 7 3306.00 | 11941.00 | 375 | 0 | | | 943 | 8 | 329 | -112 |
| 10 | 802 | 52 | 20510 | SA 35394 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 510 | | | | | | |
| | | | | | RECOVERY 83 6 5 3257.00 | 11937.00 | 500 | 0 | | | 941 | 2 | 203 | -237 |
| 10 | 802 | 52 | 20510 | SA 35405 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 550 | | | | | | |
| | | | | | RECOVERY 83 614 3258.00 | 11937.00 | 325 | 0 | | | 950 | 1 | 220 | -62 |
| 10 | 802 | 52 | 20510 | SA 35411 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 510 | | | | | | |
| | | | | | RECOVERY 83 6 6 3256.00 | 11935.00 | 350 | 0 | | | 942 | 3 | 164 | -37 |
| 10 | 802 | 52 | 20510 | SA 35413 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 530 | | | | | | |
| | | | | | RECOVERY 81 925 3648.00 | 12214.00 | 400 | 550 | 20 | 323 | 263 | 331 | -137 | |
| 10 | 802 | 52 | 20510 | SA 35417 | RELEASE 8011 6 3259.00 | 11936.00 | 263 | 480 | | | | | | |
| | | | | | RECOVERY 83 6 2 3310.00 | 11936.00 | 350 | 0 | | | 938 | 11 | 0 | -87 |
| 10 | 802 | 53 | 20510 | SA 35435 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 570 | | | | | | |
| | | | | | RECOVERY 83 616 3253.00 | 11933.00 | 350 | 0 | | | 952 | 4 | 180 | -120 |
| 10 | 802 | 53 | 20510 | SA 35449 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 500 | | | | | | |
| | | | | | RECOVERY 83 614 3256.00 | 11932.00 | 325 | 0 | | | 950 | 1 | 140 | -95 |
| 10 | 802 | 53 | 20510 | SA 35455 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 490 | | | | | | |
| | | | | | RECOVERY 83 0 0 3750.00 | 12320.00 | 275 | 0 | | | | 346 | 329 | -45 |
| 10 | 802 | 53 | 20510 | SA 35465 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 460 | | | | | | |
| | | | | | RECOVERY 83 616 3253.00 | 11933.00 | 350 | 0 | | | 952 | 4 | 180 | -120 |
| 10 | 802 | 53 | 20510 | SA 35499 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 610 | | | | | | |
| | | | | | RECOVERY 82 8 1 3713.00 | 12257.00 | 0 | 720 | 110 | 633 | 305 | 328 | | |
| 10 | 802 | 53 | 20510 | SA 35506 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 520 | | | | | | |
| | | | | | RECOVERY 821025 3640.00 | 12200.00 | 0 | 0 | | | 713 | 253 | 332 | |
| 10 | 802 | 53 | 20510 | SA 35517 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 450 | | | | | | |
| | | | | | RECOVERY 83 6 7 3258.00 | 11937.00 | 400 | 0 | | | 943 | 4 | 297 | -170 |
| 10 | 802 | 53 | 20510 | SA 35523 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 540 | | | | | | |
| | | | | | RECOVERY 83 617 3253.00 | 11933.00 | 375 | 0 | | | 953 | 4 | 180 | -145 |
| 10 | 802 | 53 | 20510 | SA 35538 | RELEASE 8011 6 3257.00 | 11933.00 | 230 | 510 | | | | | | |
| | | | | | RECOVERY 82 1 0 3650.00 | 12220.00 | 0 | 0 | | | | 270 | 330 | |

| RELEASE | | | | DATE | LATITJD | LONGITUD | DE- | | | | | | | | | | | | | |
|---------|-----|-----|-------|----------|----------|----------|---------|----------|------|------|------|-------|-----|------|------|--|--|--|--|--|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35549 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 560 | | | | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | 942 | 2 | 239 | -120 | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35566 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 520 | | | | | | | | | | |
| | | | | | RECOVERY | 811215 | 3445.00 | 12102.00 | 250 | 0 | 404 | 131 | 326 | -20 | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35570 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 530 | | | | | | | | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 953 | 4 | 180 | -145 | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35583 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 540 | | | | | | | | | | |
| | | | | | RECOVERY | 82 617 | 3650.00 | 12220.00 | 0 | 0 | 598 | 270 | 330 | | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35621 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 510 | | | | | | | | | | |
| | | | | | RECOVERY | 83 6 6 | 3256.00 | 11935.00 | 350 | 0 | 942 | 2 | 239 | -120 | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35641 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 530 | | | | | | | | | | |
| | | | | | RECOVERY | 83 620 | 4610.00 | 12540.00 | 0 | 580 | 50 | 956 | 954 | 345 | | | | | | |
| 10 | 802 | 53 | 20510 | SA 35643 | RELEASE | 8011 6 | 3257.00 | 11933.00 | 230 | 510 | | | | | | | | | | |
| | | | | | RECOVERY | 81 814 | 3727.00 | 12305.00 | 267 | 540 | 30 | 281 | 321 | 323 | -37 | | | | | |
| 10 | 802 | 54 | 20510 | SA 35737 | RELEASE | 8011 6 | 3258.00 | 11926.00 | 264 | 490 | | | | | | | | | | |
| | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 350 | 0 | 927 | 11 | 323 | -86 | | | | | | |
| 10 | 802 | 54 | 20510 | SA 35761 | RELEASE | 8011 6 | 3258.00 | 11926.00 | 264 | 510 | | | | | | | | | | |
| | | | | | RECOVERY | 811112 | 3930.00 | 12400.00 | 0 | 0 | 371 | 450 | 332 | | | | | | | |
| 10 | 802 | 54 | 20510 | SA 35779 | RELEASE | 8011 6 | 3258.00 | 11926.00 | 264 | 480 | | | | | | | | | | |
| | | | | | RECOVERY | 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | 943 | 15 | 302 | -111 | | | | | | |
| 10 | 802 | 54 | 20510 | SA 35800 | RELEASE | 8011 6 | 3258.00 | 11926.00 | 264 | 560 | | | | | | | | | | |
| | | | | | RECOVERY | 83 528 | 3302.00 | 11929.00 | 400 | 0 | 933 | 5 | 328 | -136 | | | | | | |
| 10 | 802 | 55 | 20510 | SA 35840 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 490 | | | | | | | | | | |
| | | | | | RECOVERY | 83 522 | 3300.00 | 11927.00 | 403 | 500 | 10 | 927 | 2 | 0 | -96 | | | | | |
| 10 | 802 | 55 | 20510 | SA 35845 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 470 | | | | | | | | | | |
| | | | | | RECOVERY | 83 522 | 3300.00 | 11927.00 | 403 | 500 | 30 | 927 | 2 | 0 | -96 | | | | | |
| 10 | 802 | 55 | 20510 | SA 35878 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 460 | | | | | | | | | | |
| | | | | | RECOVERY | 82 625 | 3922.00 | 12406.00 | 270 | 510 | 50 | 596 | 445 | 331 | 57 | | | | | |
| 10 | 802 | 55 | 20510 | SA 35908 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 560 | | | | | | | | | | |
| | | | | | RECOVERY | 83 1 7 | 3336.00 | 11803.00 | 250 | 540 | -20 | 792 | 80 | 61 | 57 | | | | | |
| 10 | 802 | 55 | 20510 | SA 35918 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 520 | | | | | | | | | | |
| | | | | | RECOVERY | 83 319 | 3250.00 | 11837.00 | 460 | 530 | 10 | 863 | 43 | 101 | -153 | | | | | |
| 10 | 802 | 55 | 20510 | SA 35922 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 510 | | | | | | | | | | |
| | | | | | RECOVERY | 82 5 6 | 3640.00 | 12200.00 | 0 | 0 | 546 | 255 | 331 | | | | | | | |
| 10 | 802 | 55 | 20510 | SA 35945 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 560 | | | | | | | | | | |
| | | | | | RECOVERY | 81 525 | 4218.00 | 12446.00 | 230 | 0 | 200 | 614 | 337 | 77 | | | | | | |
| 10 | 802 | 55 | 20510 | SA 35949 | RELEASE | 8011 6 | 3258.00 | 11927.00 | 307 | 530 | | | | | | | | | | |
| | | | | | RECOVERY | 83 513 | 4043.00 | 12433.00 | 180 | 550 | 30 | 918 | 529 | 334 | 117 | | | | | |

| RELEASE VES CRS HAL SPEC. TAG NO-1 | DATE YYMMDD | LATITUD DDMM.MM | LONGITUD DDDMM.MM | DE- PTH | SIZE | GROW | DAYS | MILES | DIK | DPH CHVG |
|---------------------------------------|---------------------------------------------------|--------------------|----------------------|------------|------|------|------|-------|------|-------------|
| 10 802 55 20510 SA 35983 | RELEASE 8011 6 3258.00 RECOVERY 83 1 0 3650.00 | 11927.00 | 307 | 610 | 0 | | | 254 | 332 | |
| 10 802 56 20510 SA 24077 | RELEASE 8011 7 3259.00 RECOVERY 83 6 7 3306.00 | 11936.00 | 265 | 470 | 0 | | 942 | 8 | 329 | -110 |
| 10 802 56 20510 SA 35990 | RELEASE 8011 7 3259.00 RECOVERY 811120 3439.00 | 11936.00 | 265 | 510 | 0 | 378 | 121 | 326 | -49 | |
| 10 802 56 20510 SA 36009 | RELEASE 8011 7 3259.00 RECOVERY 8112 5 3510.00 | 11936.00 | 265 | 620 | 0 | 393 | 149 | 331 | 15 | |
| 10 802 56 20510 SA 36021 | RELEASE 8011 7 3259.00 RECOVERY 81 928 4055.00 | 11936.00 | 265 | 500 | 30 | 325 | 533 | 335 | -35 | |
| 10 802 56 20510 SA 36027 | RELEASE 8011 7 3259.00 RECOVERY 83 6 6 3258.00 | 11936.00 | 265 | 540 | 0 | 941 | 1 | 220 | -35 | |
| 10 802 56 20510 SA 36055 | RELEASE 8011 7 3259.00 RECOVERY 83 614 3258.00 | 11936.00 | 265 | 570 | 0 | 949 | 1 | 220 | -50 | |
| 10 802 56 20510 SA 36056 | RELEASE 8011 7 3259.00 RECOVERY 83 6 6 3258.00 | 11936.00 | 265 | 510 | 0 | 941 | 1 | 220 | -35 | |
| 10 802 56 20510 SA 36082 | RELEASE 8011 7 3259.00 RECOVERY 83 614 3258.00 | 11936.00 | 265 | 570 | 0 | 949 | 1 | 220 | -60 | |
| 10 802 56 20510 SA 36085 | RELEASE 8011 7 3259.00 RECOVERY 83 6 7 3259.00 | 11936.00 | 265 | 530 | 0 | 942 | 2 | 270 | -73 | |
| 10 802 56 20510 SA 36092 | RELEASE 8011 7 3259.00 RECOVERY 82 411 4007.00 | 11936.00 | 265 | 620 | 60 | 520 | 483 | 333 | 5 | |
| 10 802 56 20510 SA 36118 | RELEASE 8011 7 3259.00 RECOVERY 82 627 4420.00 | 11936.00 | 265 | 550 | 160 | 597 | 724 | 342 | 65 | |
| 10 802 56 20510 SA 36130 | RELEASE 8011 7 3259.00 RECOVERY 83 6 7 3259.00 | 11936.00 | 265 | 500 | 0 | 942 | 2 | 270 | -73 | |
| 10 802 56 20510 SA 36164 | RELEASE 8011 7 3259.00 RECOVERY 83 527 3305.00 | 11936.00 | 265 | 470 | 0 | 931 | 6 | 8 | -85 | |
| 10 802 56 20510 SA 36176 | RELEASE 8011 7 3259.00 RECOVERY 83 6 6 3258.00 | 11936.00 | 265 | 610 | 0 | 941 | 1 | 220 | -85 | |
| 10 802 56 20510 SA 36181 | RELEASE 8011 7 3259.00 RECOVERY 83 6 7 3259.00 | 11936.00 | 265 | 590 | 0 | 942 | 2 | 270 | -73 | |
| 10 802 56 20510 SA 36194 | RELEASE 8011 7 3259.00 RECOVERY 83 6 7 3259.00 | 11936.00 | 265 | 510 | 0 | 942 | 2 | 270 | -73 | |
| 10 802 57 20510 SA 36220 | RELEASE 8011 7 3257.00 RECOVERY 83 6 7 3258.00 | 11933.00 | 227 | 430 | 0 | 942 | 4 | 237 | -173 | |
| 10 802 57 20510 SA 36227 | RELEASE 8011 7 3257.00 RECOVERY 83 6 4 3304.00 | 11933.00 | 227 | 550 | 0 | 939 | 7 | 7 | -123 | |

| RELEASE | | | | DATE | LATITUDE | LONGITUDE | DEPTH | SIZE | GROW | DAYS | MILES | DIR | CHNG |
|---------|-----|-----|-------|----------|----------|-----------|---------|----------|------|------|-------|---------|------------|
| VES | CPS | HAL | SPEC. | TAG NO. | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | |
| 10 | 802 | 57 | 20510 | SA 36237 | RELEASE | 8011 7 | 3257.00 | 11933.00 | 227 | 510 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 952 | 4 180 | -148 |
| 10 | 802 | 57 | 20510 | SA 36268 | RELEASE | 8011 7 | 3257.00 | 11933.00 | 227 | 470 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 952 | 4 180 | -148 |
| 10 | 802 | 57 | 20510 | SA 36284 | RELEASE | 8011 7 | 3257.00 | 11933.00 | 227 | 490 | | | |
| | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | 952 | 4 180 | -148 |
| 10 | 802 | 58 | 20510 | SA 36362 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 520 | | | |
| | | | | | RECOVERY | 83 522 | 3300.00 | 11927.00 | 403 | 510 | -10 | 926 | 3 331 -133 |
| 10 | 802 | 58 | 20510 | SA 36370 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 510 | | | |
| | | | | | RECOVERY | 83 6 5 | 3307.00 | 11942.00 | 325 | 0 | 940 | 17 305 | -50 |
| 10 | 802 | 58 | 20510 | SA 36379 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 520 | | | |
| | | | | | RECOVERY | 83 318 | 3249.00 | 11837.00 | 440 | 0 | 861 | 41 101 | -175 |
| 10 | 802 | 58 | 20510 | SA 36391 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 430 | | | |
| | | | | | RECOVERY | 83 421 | 3930.00 | 12400.00 | 0 | 470 | -10 | 895 | 451 332 |
| 10 | 802 | 58 | 20510 | SA 36393 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 500 | | | |
| | | | | | RECOVERY | 83 6 4 | 3304.00 | 11932.00 | 350 | 0 | 939 | 9 320 | -35 |
| 10 | 802 | 58 | 20510 | SA 36400 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 430 | | | |
| | | | | | RECOVERY | 83 528 | 3302.00 | 11929.00 | 487 | 0 | 932 | 6 326 | -222 |
| 10 | 802 | 53 | 20510 | SA 36409 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 460 | | | |
| | | | | | RECOVERY | 83 616 | 3253.00 | 11933.00 | 350 | 0 | 951 | 8 239 | -35 |
| 10 | 802 | 58 | 20510 | SA 36414 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 440 | | | |
| | | | | | RECOVERY | 83 528 | 3310.00 | 11926.00 | 350 | 0 | 932 | 13 356 | -35 |
| 10 | 802 | 58 | 20510 | SA 36435 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 600 | | | |
| | | | | | RECOVERY | 82 420 | 3708.00 | 12250.00 | 270 | 0 | 529 | 302 327 | -5 |
| 10 | 802 | 53 | 20510 | SA 36447 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 530 | | | |
| | | | | | RECOVERY | 83 614 | 3256.00 | 11932.00 | 325 | 0 | 949 | 6 260 | -60 |
| 10 | 802 | 53 | 20510 | SA 36464 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 400 | | | |
| | | | | | RECOVERY | 83 527 | 3304.00 | 11928.00 | 485 | 0 | 931 | 7 340 | -220 |
| 10 | 802 | 58 | 20510 | SA 36478 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 600 | | | |
| | | | | | RECOVERY | 82 7 6 | 3641.00 | 12200.00 | 250 | 690 | 90 | 606 | 257 331 15 |
| 10 | 802 | 53 | 20510 | SA 36496 | RELEASE | 8011 7 | 3257.00 | 11925.00 | 265 | 530 | | | |
| | | | | | RECOVERY | 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | 942 | 16 304 | -110 |
| 10 | 802 | 59 | 20510 | SA 36512 | RELEASE | 8011 7 | 3258.00 | 11926.00 | 291 | 540 | | | |
| | | | | | RECOVERY | 83 528 | 3300.00 | 11926.00 | 390 | 0 | 932 | 2 0 | -39 |
| 10 | 802 | 59 | 20510 | SA 36520 | RELEASE | 8011 7 | 3258.00 | 11926.00 | 291 | 430 | | | |
| | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 398 | 0 | 926 | 11 323 | -97 |
| 10 | 802 | 59 | 20510 | SA 36528 | RELEASE | 8011 7 | 3258.00 | 11926.00 | 291 | 560 | | | |
| | | | | | RECOVERY | 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | 942 | 15 302 | -34 |

| RELEASE | | | | DATE | LATITJD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|----------|----------|------|------|------|-------|-----|----------|
| VES | CRS | HAL | SPEC. | TAG NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | | | | | CHNG |
| 10 | 802 | 59 | 20510 | SA 36551 | RELEASE 8011 7 | 3258.00 | 11926.00 | 291 | 470 | | | | |
| | | | | | RECOVERY 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | 942 | 15 | 302 | -84 |
| 10 | 802 | 59 | 20510 | SA 36570 | RELEASE 8011 7 | 3258.00 | 11926.00 | 291 | 470 | | | | |
| | | | | | RECOVERY 83 522 | 3307.00 | 11934.00 | 350 | 0 | 926 | 11 | 323 | -59 |
| 10 | 802 | 59 | 20510 | SA 36619 | RELEASE 8011 7 | 3258.00 | 11926.00 | 291 | 640 | | | | |
| | | | | | RECOVERY 83 522 | 3307.00 | 11934.00 | 388 | 0 | 926 | 11 | 323 | -97 |
| 10 | 802 | 59 | 20510 | SA 36654 | RELEASE 8011 7 | 3258.00 | 11926.00 | 291 | 490 | | | | |
| | | | | | RECOVERY 83 528 | 3300.00 | 11926.00 | 380 | 0 | 932 | 2 | 0 | -39 |
| 10 | 802 | 59 | 20510 | SA 36687 | RELEASE 8011 7 | 3259.00 | 11926.00 | 291 | 540 | | | | |
| | | | | | RECOVERY 81 816 | 3857.00 | 12358.00 | 180 | 570 | 30 | 282 | 421 | 330 111 |
| 10 | 802 | 59 | 20510 | SA 36692 | RELEASE 8011 7 | 3258.00 | 11926.00 | 291 | 520 | | | | |
| | | | | | RECOVERY 83 522 | 3300.00 | 11927.00 | 403 | 560 | 40 | 926 | 2 | 337 -112 |
| 10 | 802 | 60 | 20510 | SA 36737 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 530 | | | | |
| | | | | | RECOVERY 8111 9 | 3630.00 | 12200.00 | 200 | 560 | 30 | 366 | 242 | 331 52 |
| 10 | 802 | 60 | 20510 | SA 36769 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 550 | | | | |
| | | | | | RECOVERY 83 616 | 3253.00 | 11933.00 | 350 | 0 | 950 | 5 | 164 | -98 |
| 10 | 802 | 60 | 20510 | SA 36770 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 560 | | | | |
| | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | 950 | 9 | 328 | -98 |
| 10 | 802 | 60 | 20510 | SA 36781 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 460 | | | | |
| | | | | | RECOVERY 83 1 4 | 4334.00 | 12447.00 | 316 | 600 | 140 | 787 | 680 | 340 -64 |
| 10 | 802 | 60 | 20510 | SA 36811 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 620 | | | | |
| | | | | | RECOVERY 83 6 6 | 3258.00 | 11937.00 | 350 | 0 | 940 | 2 | 239 | -98 |
| 10 | 802 | 60 | 20510 | SA 36830 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 550 | | | | |
| | | | | | RECOVERY 83 6 5 | 3303.00 | 11940.00 | 400 | 0 | 939 | 6 | 314 | -148 |
| 10 | 802 | 60 | 20510 | SA 36863 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 500 | | | | |
| | | | | | RECOVERY 83 616 | 3307.00 | 11941.00 | 350 | 0 | 950 | 9 | 328 | -98 |
| 10 | 802 | 60 | 20510 | SA 36868 | RELEASE 8011 8 | 3259.00 | 11935.00 | 252 | 520 | | | | |
| | | | | | RECOVERY 83 6 6 | 3258.00 | 11937.00 | 350 | 0 | 940 | 2 | 239 | -98 |
| 10 | 802 | 61 | 20510 | SA 36890 | RELEASE 8011 8 | 3257.00 | 11933.00 | 228 | 500 | | | | |
| | | | | | RECOVERY 82 5 5 | 3640.00 | 12200.00 | 0 | 570 | 70 | 543 | 253 | 332 |
| 10 | 802 | 61 | 20510 | SA 36892 | RELEASE 8011 8 | 3257.00 | 11933.00 | 228 | 460 | | | | |
| | | | | | RECOVERY 83 6 7 | 3306.00 | 11941.00 | 375 | 0 | 941 | 11 | 323 | -147 |
| 10 | 802 | 61 | 20510 | SA 36894 | RELEASE 8011 8 | 3257.00 | 11933.00 | 228 | 510 | | | | |
| | | | | | RECOVERY 811031 | 3630.00 | 12200.00 | 0 | 520 | 10 | 357 | 245 | 331 |
| 10 | 802 | 61 | 20510 | SA 36895 | RELEASE 8011 8 | 3257.00 | 11933.00 | 228 | 520 | | | | |
| | | | | | RECOVERY 83 617 | 3253.00 | 11933.00 | 375 | 0 | 951 | 4 | 193 | -147 |
| 10 | 802 | 61 | 20510 | SA 36918 | RELEASE 8011 8 | 3257.00 | 11933.00 | 228 | 580 | | | | |
| | | | | | RECOVERY 83 614 | 3256.00 | 11932.00 | 325 | 0 | 948 | 1 | 140 | -97 |

| VES CRS HAL SPEC. TAG NO.1 | | | | | | RELEASE | DATE YYMMDD | LATITUDE DDMM.MM | LONGITUDE DDMM.MM | DEPTH PTH | SIZE | GROW | DAYS | MILES | DIR | DEPTH CHNG |
|----------------------------|-----|----|-------|----|-------|----------|----------------|---------------------|----------------------|--------------|------|------|------|-------|-----|---------------|
| 10 | 802 | 61 | 20510 | SA | 36941 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 480 | | | | | |
| | | | | | | RECOVERY | 811018 | 3646.00 | 12216.00 | 400 | 500 | 20 | 344 | 265 | 330 | -172 |
| 10 | 802 | 61 | 20510 | SA | 36952 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 500 | | | | | |
| | | | | | | RECOVERY | 82 3 1 | 3702.00 | 12254.00 | 300 | 530 | 30 | 478 | 295 | 327 | -72 |
| 10 | 802 | 61 | 20510 | SA | 36960 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 520 | | | | | |
| | | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 951 | 4 | 180 | -147 |
| 10 | 802 | 61 | 20510 | SA | 36967 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 440 | | | | | |
| | | | | | | RECOVERY | 83 617 | 3253.00 | 11933.00 | 375 | 0 | | 951 | 4 | 180 | -147 |
| 10 | 802 | 61 | 20510 | SA | 36970 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 0 | | | | | |
| | | | | | | RECOVERY | 81 517 | 3250.00 | 11810.00 | 480 | 0 | | 190 | 70 | 95 | -252 |
| 10 | 802 | 61 | 20510 | SA | 36977 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 450 | | | | | |
| | | | | | | RECOVERY | 82 724 | 3750.00 | 12320.00 | 0 | 530 | 80 | 623 | 346 | 329 | |
| 10 | 802 | 61 | 20510 | SA | 36999 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 650 | | | | | |
| | | | | | | RECOVERY | 82 7 5 | 4412.00 | 12457.00 | 250 | 0 | | 604 | 720 | 341 | -22 |
| 10 | 802 | 61 | 20510 | SA | 37010 | RELEASE | 8011 8 | 3257.00 | 11933.00 | 228 | 570 | | | | | |
| | | | | | | RECOVERY | 82 512 | 3700.00 | 12230.00 | 0 | 0 | | 550 | 283 | 330 | |
| 10 | 802 | 62 | 20510 | SA | 37066 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 510 | | | | | |
| | | | | | | RECOVERY | 82 610 | 3646.00 | 12211.00 | 238 | 560 | 50 | 579 | 267 | 330 | 11 |
| 10 | 802 | 62 | 20510 | SA | 37095 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 450 | | | | | |
| | | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 388 | 0 | | 925 | 13 | 320 | -139 |
| 10 | 802 | 62 | 20510 | SA | 37157 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 510 | | | | | |
| | | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 350 | 0 | | 925 | 13 | 320 | -101 |
| 10 | 802 | 62 | 20510 | SA | 37165 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 490 | | | | | |
| | | | | | | RECOVERY | 82 412 | 4050.00 | 12440.00 | 0 | 610 | 120 | 520 | 536 | 333 | |
| 10 | 802 | 62 | 20510 | SA | 37191 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 490 | | | | | |
| | | | | | | RECOVERY | 83 6 6 | 3304.00 | 11941.00 | 370 | 0 | | 940 | 16 | 296 | -121 |
| 10 | 802 | 62 | 20510 | SA | 37196 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 610 | | | | | |
| | | | | | | | | | | | | | | | | |

| RELEASE | | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPTH | |
|---------|-----|-----|-------|-----|-------|----------|---------|----------|----------|------|------|------|-------|-----|------|------|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.YM | DDMM.YM | PTH | | | | | | | |
| 10 | 802 | 62 | 20510 | SA | 37374 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 530 | | | | | |
| | | | | | | RECOVERY | 8111 5 | 3921.00 | 12400.00 | 230 | 560 | 30 | 362 | 444 | 331 | 19 |
| 10 | 802 | 62 | 20510 | SA | 37382 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 560 | | | | | |
| | | | | | | RECOVERY | 83 522 | 3307.00 | 11934.00 | 388 | 0 | | 925 | 13 | 320 | -139 |
| 10 | 802 | 62 | 20510 | SA | 37404 | RELEASE | 8011 8 | 3257.00 | 11924.00 | 249 | 530 | | | | | |
| | | | | | | RECOVERY | 82 4 8 | 3650.00 | 12215.00 | 0 | 550 | 20 | 515 | 272 | 330 | |
| 10 | 802 | 63 | 20510 | SA | 37473 | RELEASE | 8011 8 | 3258.00 | 11927.00 | 297 | 600 | | | | | |
| | | | | | | RECOVERY | 83 522 | 3300.00 | 11927.00 | 403 | 610 | 10 | 925 | 2 | 0 | -106 |
| 10 | 802 | 63 | 20510 | SA | 37515 | RELEASE | 8011 8 | 3258.00 | 11927.00 | 297 | 530 | | | | | |
| | | | | | | RECOVERY | 83 721 | 3311.00 | 12332.00 | 280 | 0 | | 985 | 371 | 329 | 17 |
| 10 | 802 | 63 | 20510 | SA | 37520 | RELEASE | 8011 8 | 3253.00 | 11927.00 | 297 | 470 | | | | | |
| | | | | | | RECOVERY | 83 6 3 | 3307.00 | 11942.00 | 400 | 0 | | 937 | 15 | 306 | -103 |
| 10 | 802 | 63 | 20510 | SA | 37553 | RELEASE | 8011 8 | 3258.00 | 11927.00 | 297 | 490 | | | | | |
| | | | | | | RECOVERY | 83 616 | 3307.00 | 11941.00 | 350 | 0 | | 950 | 15 | 307 | -53 |
| 10 | 802 | 63 | 20510 | SA | 37557 | RELEASE | 8011 8 | 3258.00 | 11927.00 | 297 | 520 | | | | | |
| | | | | | | RECOVERY | 83 522 | 3301.00 | 11927.00 | 403 | 550 | 30 | 925 | 3 | 0 | -106 |
| 10 | 802 | 64 | 20510 | SA | 37587 | RELEASE | 801115 | 3808.00 | 12327.00 | 204 | 700 | | | | | |
| | | | | | | RECOVERY | 81 822 | 3848.00 | 12354.00 | 230 | 690 | -10 | 280 | 45 | 332 | -26 |
| 10 | 802 | 64 | 20510 | SA | 37619 | RELEASE | 801115 | 3808.00 | 12327.00 | 204 | 740 | | | | | |
| | | | | | | RECOVERY | 82 2 4 | 3933.00 | 12351.00 | 250 | 760 | 20 | 446 | 37 | 343 | -46 |
| 10 | 802 | 65 | 20510 | SA | 37636 | RELEASE | 801115 | 3811.00 | 12334.00 | 297 | 530 | | | | | |
| | | | | | | RECOVERY | 82 318 | 4100.00 | 12449.00 | 520 | 560 | 30 | 488 | 173 | 342 | -223 |
| 10 | 802 | 65 | 20510 | SA | 37640 | RELEASE | 801115 | 3811.00 | 12334.00 | 297 | 540 | | | | | |
| | | | | | | RECOVERY | 81 8 2 | 3811.00 | 12331.00 | 260 | 540 | 0 | 260 | 2 | 90 | 37 |
| 10 | 802 | 65 | 20510 | SA | 37649 | RELEASE | 801115 | 3811.00 | 12334.00 | 297 | 520 | | | | | |
| | | | | | | RECOVERY | 81 7 6 | 3818.00 | 12336.00 | 325 | 530 | 10 | 233 | 7 | 347 | -28 |
| 10 | 802 | 65 | 20510 | SA | 37660 | RELEASE | 801115 | 3811.00 | 12334.00 | 297 | 540 | | | | | |
| | | | | | | | | | | | | | | | | |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | SIZE | GROW | DAYS | MILES | DIR | DPH |
|---------|-----|-----|-------|----------|-----------------|---------|----------|-----|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG NO-1 | YYMMDD | DDMM.M | DDMM.MM | PTH | | | | | | CHNG |
| 10 | 802 | 90 | 20510 | SA 38125 | RELEASE 801119 | 3809.00 | 12328.00 | 222 | 560 | | | | | |
| | | | | | RECOVERY 81129 | 4050.00 | 12440.00 | 0 | 540 | -20 | 71 | 170 | 341 | |
| 10 | 802 | 90 | 20510 | SA 38128 | RELEASE 801119 | 3809.00 | 12328.00 | 222 | 620 | | | | | |
| | | | | | RECOVERY 81129 | 3854.00 | 12359.00 | 240 | 730 | 110 | 385 | 51 | 332 | -13 |
| 10 | 802 | 90 | 20510 | SA 38133 | RELEASE 801119 | 3809.00 | 12328.00 | 222 | 540 | | | | | |
| | | | | | RECOVERY 82814 | 4050.00 | 12440.00 | 200 | 700 | 160 | 633 | 170 | 341 | 22 |
| 10 | 802 | 90 | 20510 | SA 38146 | RELEASE 801119 | 3809.00 | 12328.00 | 222 | 540 | | | | | |
| | | | | | RECOVERY 8173 | 3620.00 | 12204.00 | 100 | 550 | 10 | 226 | 123 | 143 | 122 |
| 10 | 802 | 90 | 20510 | SA 38152 | RELEASE 801119 | 3809.00 | 12328.00 | 222 | 530 | | | | | |
| | | | | | RECOVERY 8196 | 3709.00 | 12329.00 | 240 | 570 | 40 | 291 | 60 | 181 | -18 |
| 10 | 802 | 92 | 20510 | SA 38226 | RELEASE 801120 | 3810.00 | 12333.00 | 449 | 520 | | | | | |
| | | | | | RECOVERY 81115 | 4023.00 | 12441.00 | 400 | 560 | 40 | 350 | 143 | 339 | 49 |
| 13 | 831 | 28 | 20510 | SA 65733 | RELEASE 83720 | 3908.00 | 12357.00 | 145 | 460 | | | | | |
| | | | | | RECOVERY 83724 | 3900.00 | 12400.00 | 90 | 450 | -10 | 4 | 8 | 196 | 55 |
| 13 | 831 | 28 | 20510 | SA 65771 | RELEASE 83720 | 3908.00 | 12357.00 | 145 | 420 | | | | | |
| | | | | | RECOVERY 8390 | 3900.00 | 12400.00 | 0 | 420 | 0 | | 5 | 196 | |
| 13 | 831 | 46 | 20510 | SA 65833 | RELEASE 83724 | 4105.00 | 12422.00 | 130 | 410 | | | | | |
| | | | | | RECOVERY 83927 | 4045.00 | 12430.00 | 126 | 420 | 10 | 65 | 21 | 197 | 4 |
| 13 | 831 | 48 | 20510 | SA 65910 | RELEASE 83724 | 4127.00 | 12422.00 | 55 | 360 | | | | | |
| | | | | | RECOVERY 83829 | 4125.00 | 12413.00 | 42 | 370 | 10 | 36 | 4 | 124 | 13 |
| 13 | 831 | 89 | 20510 | SA 67087 | RELEASE 83814 | 4326.00 | 12441.00 | 184 | 500 | | | | | |
| | | | | | RECOVERY 831014 | 4300.00 | 12500.00 | 0 | 520 | 20 | 61 | 29 | 208 | |
| 13 | 831 | 180 | 20510 | SA 67833 | RELEASE 83823 | 4603.00 | 12414.00 | 52 | 430 | | | | | |
| | | | | | RECOVERY 83913 | 4617.00 | 12430.00 | 78 | 430 | 0 | 21 | 18 | 322 | -26 |
| 13 | 831 | 256 | 20510 | SA 80080 | RELEASE 83922 | 4824.00 | 12501.00 | 113 | 520 | | | | | |
| | | | | | RECOVERY 83922 | 4714.00 | 12540.00 | 167 | 510 | -10 | 0 | 75 | 201 | -49 |
| 14 | 831 | 25 | 20510 | SA 69043 | RELEASE 83719 | 3813.00 | 12323.00 | 134 | 630 | | | | | |
| | | | | | RECOVERY 8390 | 3750.00 | 12320.00 | 0 | 7 | | | 23 | 174 | |
| 14 | 831 | 35 | 20510 | SA 69098 | RELEASE 83721 | 3920.00 | 12358.00 | 128 | 500 | | | | | |
| | | | | | RECOVERY 83824 | 3915.00 | 12351.00 | 38 | 500 | 0 | 34 | 7 | 133 | 90 |
| 14 | 831 | 41 | 20510 | SA 69113 | RELEASE 83723 | 4054.00 | 12426.00 | 125 | 500 | | | | | |
| | | | | | RECOVERY 83824 | 3915.00 | 12351.00 | 38 | 500 | 0 | 32 | 103 | 165 | 77 |
| 14 | 831 | 55 | 20510 | SA 69275 | RELEASE 83726 | 4222.00 | 12443.00 | 147 | 640 | | | | | |
| | | | | | RECOVERY 8386 | 4226.00 | 12442.00 | 260 | 650 | 10 | 11 | 4 | 10 | -113 |
| 14 | 831 | 55 | 20510 | SA 69291 | RELEASE 83726 | 4222.00 | 12443.00 | 147 | 600 | | | | | |
| | | | | | RECOVERY 8381 | 4230.00 | 12440.00 | 300 | 0 | | 6 | 5 | 16 | -153 |
| 14 | 831 | 55 | 20510 | SA 69294 | RELEASE 83726 | 4222.00 | 12443.00 | 147 | 520 | | | | | |
| | | | | | RECOVERY 83912 | 4300.00 | 12500.00 | 0 | 520 | 0 | 43 | 40 | 342 | |

| RELEASE | | | | | | DATE | LATITUDE | LONGITUDE | DEPTH | OPT | | | | | |
|---------|-----|-----|-------|-----|-------|----------|----------------|-----------|-------|------|------|------|-------|-----|------|
| VES | CRS | HAL | SPEC. | TAG | NO. | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG |
| 14 | 831 | 55 | 20510 | SA | 69295 | RELEASE | 83 726 4222.00 | 12443.00 | 147 | 540 | | | | | |
| | | | | | | RECOVERY | 83 730 4100.00 | 12430.00 | 0 | 0 | | 4 | 33 | 173 | |
| 14 | 831 | 55 | 20510 | SA | 69296 | RELEASE | 83 726 4222.00 | 12443.00 | 147 | 600 | | | | | |
| | | | | | | RECOVERY | 83 8 6 4226.00 | 12442.00 | 260 | 620 | 20 | 11 | 4 | 10 | -113 |
| 14 | 831 | 60 | 20510 | SA | 69315 | RELEASE | 83 727 4234.00 | 12443.00 | 135 | 600 | | | | | |
| | | | | | | RECOVERY | 83 922 4155.00 | 12430.00 | 252 | 620 | 20 | 57 | 40 | 166 | -117 |
| 14 | 831 | 61 | 20510 | SA | 69344 | RELEASE | 83 727 4243.00 | 12444.00 | 156 | 490 | | | | | |
| | | | | | | RECOVERY | 83 8 3 4250.00 | 12500.00 | 160 | 660 | 170 | 7 | 14 | 301 | -4 |
| 14 | 831 | 87 | 20510 | SA | 69412 | RELEASE | 83 3 2 4337.00 | 12437.00 | 158 | 640 | | | | | |
| | | | | | | RECOVERY | 83 9 3 4532.00 | 12439.00 | 250 | 640 | 0 | 32 | 115 | 360 | -92 |
| 14 | 831 | 197 | 20510 | SA | 69869 | RELEASE | 83 331 4645.00 | 12443.00 | 20 | 590 | | | | | |
| | | | | | | RECOVERY | 8310 2 4618.00 | 12424.00 | 265 | 610 | 20 | 32 | 30 | 154 | -135 |
| 32 | 811 | 4 | 20510 | SA | 9047 | RELEASE | 81 3 5 4541.00 | 12444.00 | 250 | 540 | | | | | |
| | | | | | | RECOVERY | 82 6 8 4440.00 | 12450.00 | 0 | 0 | | 460 | 61 | 184 | |
| 32 | 811 | 4 | 20510 | SA | 9054 | RELEASE | 81 3 5 4541.00 | 12444.00 | 250 | 490 | | | | | |
| | | | | | | RECOVERY | 82 813 4553.00 | 12446.00 | 350 | 0 | | 526 | 72 | 559 | -100 |
| 32 | 811 | 4 | 20510 | SA | 9075 | RELEASE | 81 3 5 4541.00 | 12444.00 | 250 | 530 | | | | | |
| | | | | | | RECOVERY | 82 6 1 4507.00 | 12435.00 | 190 | 580 | 50 | 453 | 35 | 169 | 60 |
| 32 | 811 | 4 | 20510 | SA | 9078 | RELEASE | 81 3 5 4541.00 | 12444.00 | 250 | 530 | | | | | |
| | | | | | | RECOVERY | 83 7 0 4531.00 | 12434.00 | 135 | 630 | 100 | | 12 | 145 | 115 |
| 32 | 811 | 4 | 20510 | SA | 9080 | RELEASE | 81 3 5 4541.00 | 12444.00 | 250 | 540 | | | | | |
| | | | | | | RECOVERY | 81 522 4810.00 | 12540.00 | 250 | 520 | -20 | 78 | 154 | 346 | 0 |
| 32 | 811 | 7 | 20510 | SA | 9136 | RELEASE | 81 3 5 4540.00 | 12445.00 | 350 | 510 | | | | | |
| | | | | | | RECOVERY | 82 719 4608.00 | 12444.00 | 420 | 510 | 0 | 501 | 28 | 1 | -70 |
| 32 | 811 | 8 | 20510 | SA | 9173 | RELEASE | 81 3 6 4531.00 | 12447.00 | 350 | 510 | | | | | |
| | | | | | | RECOVERY | 82 627 4504.00 | 12427.00 | 180 | 510 | 0 | 478 | 30 | 152 | 170 |
| 32 | 811 | 8 | 20510 | SA | 9176 | RELEASE | 81 3 6 4531.00 | 12447.00 | 350 | 540 | | | | | |
| | | | | | | RECOVERY | 82 915 4558.00 | 12435.00 | 0 | 0 | | 558 | 23 | | |

| RELEASE | | | | | DATE | LATITUD | LONGITUD | DE- | | | | | | | | | | |
|---------|-----|-----|-------|-----|------|----------|----------------|----------|-----|------|------|------|-------|-----|------|--|--|--|
| VES | CRS | HAL | SPEC. | TAG | NO.1 | YYMMDD | DDMM.MM | DDMM.MM | PTH | SIZE | GROW | DAYS | MILES | DIR | CHNG | | | |
| 32 | 811 | 10 | 20510 | SA | 9287 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 0 | | | | | | | | |
| | | | | | | RECOVERY | 82 730 4640.00 | 12450.00 | 350 | 0 | | 511 | 52 | 356 | -140 | | | |
| 32 | 811 | 10 | 20510 | SA | 9296 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 0 | | | | | | | | |
| | | | | | | RECOVERY | 83 124 4528.00 | 12449.00 | 300 | 0 | | 689 | 11 | 199 | -00 | | | |
| 32 | 811 | 10 | 20510 | SA | 9303 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 533 | | | | | | | | |
| | | | | | | RECOVERY | 82 9 6 4534.00 | 12427.00 | 123 | 610 | 80 | 549 | 12 | 110 | 87 | | | |
| 32 | 811 | 10 | 20510 | SA | 9304 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 470 | | | | | | | | |
| | | | | | | RECOVERY | 82 1 5 5251.00 | 13220.00 | 345 | 500 | 30 | 305 | 526 | 328 | -135 | | | |
| 32 | 811 | 10 | 20510 | SA | 9309 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 470 | | | | | | | | |
| | | | | | | RECOVERY | 83 718 4610.00 | 12430.00 | 80 | 0 | | 364 | 33 | 16 | 150 | | | |
| 32 | 811 | 10 | 20510 | SA | 9312 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 540 | | | | | | | | |
| | | | | | | RECOVERY | 82 615 5938.00 | 14016.00 | 0 | 580 | 40 | 466 | 1010 | 332 | | | | |
| 32 | 811 | 10 | 20510 | SA | 9313 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 490 | | | | | | | | |
| | | | | | | RECOVERY | 82 610 4503.00 | 12428.00 | 180 | 530 | 40 | 451 | 37 | 163 | 30 | | | |
| 32 | 811 | 10 | 20510 | SA | 9333 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 480 | | | | | | | | |
| | | | | | | RECOVERY | 8310 6 5432.00 | 16014.00 | 93 | 550 | 70 | 944 | 1454 | 304 | 127 | | | |
| 32 | 811 | 10 | 20510 | SA | 9340 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 520 | | | | | | | | |
| | | | | | | RECOVERY | 82 6 2 4508.00 | 12433.00 | 195 | 580 | 60 | 453 | 31 | 167 | 15 | | | |
| 32 | 811 | 10 | 20510 | SA | 9345 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 440 | | | | | | | | |
| | | | | | | RECOVERY | 82 628 4615.00 | 12418.00 | 55 | 460 | 40 | 479 | 41 | 25 | 155 | | | |
| 32 | 811 | 10 | 20510 | SA | 9358 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 540 | | | | | | | | |
| | | | | | | RECOVERY | 82 2 1 4612.00 | 12438.00 | 270 | 560 | 20 | 332 | 34 | 6 | -50 | | | |
| 32 | 811 | 10 | 20510 | SA | 9363 | RELEASE | 81 3 6 4538.00 | 12443.00 | 210 | 490 | | | | | | | | |
| | | | | | | RECOVERY | 83 621 4538.00 | 12443.00 | 230 | 560 | 70 | 837 | 0 | 0 | -20 | | | |
| 32 | 811 | 11 | 20510 | SA | 9390 | RELEASE | 81 3 6 4546.00 | 12435.00 | 300 | 530 | | | | | | | | |
| | | | | | | RECOVERY | 81 9 0 4440.00 | 12450.00 | 0 | 0 | | | 57 | 189 | | | | |
| 32 | 811 | 11 | 20510 | SA | 9400 | RELEASE | 81 3 6 4546.00 | 12435.00 | 300 | 570 | | | | | | | | |
| | | | | | | RECOVERY | 83 9 7 4614.00 | 12433.00 | 275 | 580 | 10 | 915 | 28 | 3 | 25 | | | |
| 32 | 811 | 11 | 20510 | SA | 9435 | RELEASE | 81 3 6 4546.00 | 12435.00 | 300 | 530 | | | | | | | | |
| | | | | | | RECOVERY | 82 1 7 4610.00 | 12438.00 | 290 | 560 | 30 | 307 | 24 | 355 | 100 | | | |
| 32 | 811 | 11 | 20510 | SA | 9446 | RELEASE | 81 3 6 4546.00 | 12435.00 | 300 | 500 | | | | | | | | |
| | | | | | | RECOVERY | 82 529 4520.00 | 12435.00 | 190 | 510 | 10 | 449 | 26 | 180 | 110 | | | |

END OF TAG/REPORT